AMERICAN RAILROAD JOURNAL,

AMERICAN RAIGROAD JOURNA

AND GENERAL ADVERTISER

FOR RAILROADS, CANALS, STEAMBOATS, MACHINERY,

AND MINES.



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times of departure, rates of fare and freight, improvements in machinery, materials, as iron, timber, stone, cement, etc. It is also the best medium for advertising contracts, and placing the merits of new undertakings fairly before the public.

RATES OF ADVERTISING.

One page per annum	 .\$125	00
One column 4	 50	00
One square "	 15	00
One page per month	 20	00
One column "	 8	00
One square "	 2	50
One page, single insertion	 8	00
One columnn " "	 3	00
One square " "	 1	00
Professional notices per annum	 5	00

ENGINEERS and MACHINISTS.

STILLMAN, ALLEN & Co. N. Y. JAS. P. ALLAIRE, N. Y. H. R. DUNHAM & Co. N. Y. WEST POINT FOUNDRY, N. Y. PHŒNIX FOUNDRY, N. Y. Works have always on hand, of their own manufacture, a large assoriment of Railroad, Ship and Boat Spikes, from 2 to 12 inches in length, and of any form 2 to 12 inches in length, and 8 pair ways used in their manufacture, and their very general use for railroads and other purposes in this country, the manufacturers have no hesitation in warranting them fully equal to the best spikes in market, both as to quality and appearance. All orders addressed to the subscriber at the works, will be promptly executed. JOHN F. WINSLOW, Agent.

Albany Iron and Nail Works, Troy, N. Y. The above spikes may be had at factory prices, of Erastus Corning & Co., Albany; Hart & Merritt, New York; J. H. Whitney, do.; E. J. Etting, Philadelphia, Pa. MERRICK & TOWNE, do.

NEW CASTLE MANUFACTURING COMPANIES AND MANufacturers of railroad Machinery. The subscribers have always on hand, of their own manufacturer, and their ware always on hand, of the ture, a large assoriment of Railroad and short purposes in this country, the manufacturers and their wars and their wars and ture, a large assoriment of head. From the excellence of the material always on hand, of their own manufacturers, and their wars and ture, a lar pany, Newcastle, Del. [See Adv.]
ROSS WINANS, Baltimore, Md.
CYRUS ALGER & CO., South Boston Iron

IRON MERCHANTS and IMPORTERS.

SETH ADAMS, Engineer, South Boston, Mass. HINCKLEY & DRURY, Boston. C. C. ALGER, [Stockbridge Iron Works,] Stock-

DAVIS, BROOKS, & Co. N. Y. [See Adv.] A. & G. RALSTON & Co. Philad. Pa. [See Adv.] THOMAS & EDMUND GEORGE, Philadelphia.

THE AMERICAN RAILROAD JOURNAL PATENT RAILROAD, SHIP AND BOAT is the only periodical having a general circulation contantly for sale a very extensive assortment of wrought works can be brought to the notice of all wrongless and Nails, from 3 to 10 inches, Railway Iron, flat bars, with countersunk holes and with public works can be brought to the notice of all wrongless and Nails, from 3 to 10 inches, with public works can be brought to the notice of all manufactured by the subscriber's Patent Machinery, persons in any way interested in these undertakings. Which after five years' successful operation, and now 350 tons 2 by Hence it offers peculiar advantages for advertising as England, where the subscriber obtained a patent) 70 " 14" as England, where the subscriber obtained a patent)

are found superior to any ever offered in market.

Railroad companies may be supplied with Spikes having countersink heads suitable to holes in iron rails, to any amount and on short notice. Almost all the railroads now in progress in the United States are fastened with Spikes made at the above named factory—for which purpose they are found invalua-ble, as their adhesion is more than double any com-

mon spikes made by the hammer.

All orders directed to the Agent, Troy, N. York,

All orders directed to the Agent, Troy, N. York, will be punctually attended to.

HENRY BURDEN, Agent.

Spikes are kept for sale, at Factory Prices, by I. & J. Townsend, Albany, and the principal Iron merchants in Albany and Troy; J. I. Brower, 222 Water St., New York; A. M. Jones, Philadelphia; T. Janviers, Baltimore; Degrand & Smith, Boston.

** Railroad Companies would do well to forward their orders as early as practicable, as the subscriber is desirous of extending the manufacturing so as to keep pace with the daily increasing demand. ja45

DATENT HAMMERED RAILROAD, SHIP And Boat Spikes. The Albany Iron and Nail Works have always on hand, of their own manufac-ture, a large assortment of Railroad, Ship and Boat

adelphia; Wm. E. Coffin & Co., Boston,

To RAILROAD COMPANIES AND MANufacturers of railroad Machinery. The subscribers have for sale Am. and English bar iron, of all
sizes; English blister, cast, shear and spring steel;
Juniata rods; car axles, made of double refined iron;
sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels, made from common and double refined B. O. iron; the latter a very superior article. The tires are made by Messrs. Baldwin & Whitney, locomotive engine manufacturers of this city. Orders addressed to them, or to us, will be promptly executed.

When the exact diameter of the wheel is stated in

the order, a fit to those wheels is guaranteed, saving to the purchaser the expense of turning them out inside. THOMAS & EDMUND GEORGE, N. E. cor. 12th and Market sts., Philad., Pa. a45

mitred joints.
350 tons 2 by 15 feet in length weighing 280 " 2 " 1 " " lbs. per ft. 3:50 62 2) 1.26 80 " 1 90 " 1 64 90 "1" 4 " " With spikes and splicing plates adapted thereto. To be sold free of duty to State governments, or incor-

porated companies.
Orders for Pennsylvania Boiler Iron executed.
Railroad Car and Locomotive Engine tires,
wrought and turned or unturned, ready to be fitted
on the wheels, viz: 30, 33, 36, 42, 44, 54 and 60 in-

ches diameter. E. V. Patent chain cable bolts for railway car axles, in lengths of 12 feet 6 inches, to 13 feet 21,

22-3, 3, 31, 31, 31, and 31 inches diameter.

Chains for inclined planes, short and stay links, manufactured from the E. V. cable bolts, and proved

at the greatest strain.

India rubber rope for Inclined planes, made from ew Zealand wax

Also, Patent hemp cordage for inclined planes and canal towing lines.

Patent felt for plaing between the iron chair and stone block of edge railways.

Every description of railway iron, as well as lo-

comotive engines, imported at the shortest notice, by the agency of one of our partners, who resides in England for this purpose

A highly respectable American Engineer resides in England for the purpose of inspecting all Loco-motives, Machinery, Railway Iron, etc., ordered through us.

A. & G. RALSTON & CO., No. 4 South Front st., Philad., Pa.

MACHINE WORKS OF ROGERS, KETCH-um & Grosvenor, Patterson, N. J. The un-dersigned receive orders for the following articles, manufactured by them of the most superior description in every particular. Their works being extensive and the number of hands employed being large, they are enabled to execute both large and small orders with promptness and despatch.
Railroad Work.

Locomotive steam engines and tenders; Driving and other locomotive wheels, axles, springs & flange tires; car wheels of cast iron, from a variety of patterns, and chills; car wheels of cast iron with wrought tires; axles of best American refined iron; springs; boxes and bolts for cars.

Cotton, Wool and Flax Machinery of all descriptions and of the most improved patterns, style and workmanship.

style and workmanship.

Mill gearing and Millwright work generally; hydraulic and other presses; press screws; callenders; lathes and tools of all kinds; iron and brass castings of all descriptions.

ROGERS, KETCHUM & GROSVENOR, Paterson, N. J., or 60 Wall street, N. York.

TO IRON MANUFACTURERS. THE SUB-Seribers, as Agents of Mr. George Crane, of Wales, having obtained a patent in the United States for his process of smelting Iron Ore with Anthracite coal, and holding an assignment of the pa-that obtained by the late Rev. F. W. Geissenhainer, are prepared to grant licences for the manufacture

o. Iron according to Mr. Crane's principle.

A. & G. RALSTON & CO.,
ja45

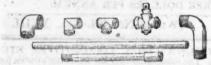
No. 4 Sout Fronth st., Philadelphia, Pa

TO RAILROAD COMPANIES AND BUILD engines, and have been brought to ERS OF MARINE AND LOCOMOTIVE such a state of perfection that no an engines and have been brought to an engine such a state of perfection that no an engine such a state of perfection that no an engine such a state of perfection that no an engine such a state of perfection that no an engine such a state of perfection that no an engine such a state of perfection that no an engine such a state of perfection that no an engine such as the perfect of th

PASCAL IRON WORKS.

WELDED WROUGHT IRON TUBES

From 4 inches to 1 in calibre and 2 to 12 feet long, capable of sustaining pressure from 400 to 2500 lbs. per square inch, with Stop Cocks, T. 15, and other fixtures to suit, fitting together, with screw joints, suitable for STEAM, WATER, GAS, and for LOCOMOTIVE and other STEAM BOILER FLUES.



Manufactured and for sale by

mill sites, without any trouble on the part of the manufacturer; rich iron ore may be laid down still more cheaply at the works; and, taken together, these sites offer remarkable advantages to practical manufacturers with small capital. For pamphlets, ** Th manufacturers with small capital. For pamphlets, descriptive of the property, and further information, apply to Archibald McIntyre, Albany, to Archibald Robertson, Philadelphia, or to the undersigned, at No. 23 Chambers street, New York, where may be seen specimens of the coal and ore.

W. R. CASEY, Civil Engineer,

VALUABLE PROPERTY ON THE MILL Dam For Sale. A lot of land on Gravelly Point, so called, on the Mill Dam, in Roxbury, fronting on and east of Parker street, containing on the Mill Dam in the College of Parker street, containing buildings. 63,497 square feet, with the following buildings thereon standing.

Main brick building, 120 feet long, by 46 ft wide, two stories high. A machine shop, 47x43 feet, with large engine, face, screw, and other lathes, suitable to do any kind of work.

Pattern shop, 35x32 feet, with lathes, work benches, &c.
Work shop, 85x35 feet, on the same floor with the

pattern shop.

Forge shop, 118 feet long by 44 feet wide on the ground floor, with two large water wheels, each 16 feet long, 9 ft diameter, with all the gearing, shafts, drums, pulleys, &c., large and small trip hammers, furnaces, forges, rolling mill, with large balance wheel and a large blowing apparatus for the foundry.

Foundry, at end of main brick building, 60x451 feet two stories high, with a shed part 45 x20 feet, containing a large air furnace, cupola, crane and corn oven.

a range of buildings for storage, etc., Store house 200 feet long by 20 wide.

Locomotive shop, adjoining main building, fronting on Parker street, 54x25 feet.

FRENCH AND BAIRDS PATENT SPARK ARRESTER.

TO THOSE INTERESTED IN Railroads, Railroad Director and Managers are respectfully invited to examine an improved SPAR ARRESTER, recently patented by

Our improved Spark have been extensively used during the last year on both passenger and freig! chimney of engines on which they ar used is experienced.

These Arresters are constructed on

These Arresters are constructed on an entirely different principle from any nectionate of creat to me put.

The form is such that a rotary motion is imparted to the heated at smoke and sparks passing through the chimney, and by the centrify gal force thus acquired by the sparks and dust they are separated from the smoke and steam, and thrown into an outer chamber of the chimne through openings near its top, from whence they fall by their own gravity to the bottom of this chamber; the smoke and steam passing off at the top of the chimney, through a capacious and unobstructe passage, thus arresting the sparks without impairing the power of the engine by diminishing the draught or activity of the fire in the furnace.

These chimneys and arresters are simple, durable and neat in appearance. They are now in use on the following roads, to the managers and other officers of which we are at liberty to refer those who may desire to purchase or obtain further information in regard to their merits:

Manufactured and for sale by
MORRIS, TASKER & MORRIS.

Warehouse S. E. Corner of Third & Walnut Streets,
PHILADELPHIA.

TO IRON MASTERS.—FOR SALE.—MILL
SITES in the immediate neighborhood of Bitminious Coal and Iron Ore, of the first quality, at Ralston, Lyoming Co., Pa. This is the nearest point to tide water where such coal and ore are found together, and the communication is complete with Philadelphia and Baltimore by canals and railways. The interest on the cost of water power and lot is all that will be required for many years; the coal will not cost more than \$1 to \$1 25 at the mill sites, without any trouble on the part of the more standard to the minagers and other officers of which we are at liberty to refer those who may desire to purchase or obtain further information in regard to their merits:

E. A. Stevens, President Camden and Amboy Railroad Company, Richard Peters, Superintendant Georgia Railroad, Augusta, Ge.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Reading, Pa.; W. E. Morris, President W. and R. Railroad Company, Wilmington, N. C.; Col. James Gadsden, President S. C. and C. Railroad Company, Charleston, S. C.; W. C. Walker, Agent Vicksburgh and Jackson Railroad, Vicksburgh, Miss.; R. S. Van Rensessential together, and the communication is complete with Philadelphia and Baltimore by canals and railroad, Lexington, Ky.; T. L. Smith, Sup't New Jersey Railroad Trans. Co.; J. Elliott, Sup't Morris, President Central Railroad Company, Charleston, S. C.; W. C. Walker, Agent Vicksburgh and Jackson Railroad; W. R. M'Kee, Sup't Lexington and Ohio particular to the communication is complete with Philadelphia and Wilmington Railroad, Wilmington, Del.; J. O. Sterns, Sup't Elizabeth with Philadelphia and Wilmington Railroad, Macon, Ga*; J. H. Cleveland, Sup't Southern Railroad, Monroe, Mich.; M. F. Chittenden, Sup't M. P. Central Railroad, Detroit, Mich.; G. B. Fisk, President Central Railroad, Wilmington, Del.; J. O. Gress for these Chimneys and Arresters, addressed to

Orders for these Chimneys and Arresters, addressed to the subscribers, or to Messrs. Baldwin & Whitney, of this city, will be promptly executed.

N. B.—The subscribers will dispose of single rights, or rights for one or more States, on reasona-

Phila lelphia, Pa., April 6, 1814. *** The letters in the figures refer to the article given in the Journal of June, 1844.

S. WAIL, PROPRIETOR OF THE STREET, well Iron Works, near Morristown, N. J., car

with the following:

der, will be pleased to give the exact inside diameter or circumference to which they wish the tyres made, and they may rely upon being served accordmade, and they may rely upon being served according to order, and also punctually, a large quantity of improving their roads on terms very adding to order, and also punctually, a large quantity of improving their roads on terms very adding to order, and also punctually, a large quantity variageous to the varied interests connected with their construction and operation; roads having in are flat bar rails are perticularly interested, as such per control of the profession of the varied interests connected with their construction and operation; roads having in the per flat bar rails are perticularly interested, as such are permanently avails ble by the plan.

W. Mc. C. CUSHMAN, Civil Engineer, Albany, N. Y.

Mr. C. also announces that Railroads, and other works pertaining to the profession, may be constructed under his advice or personal supervision. Applications must be post paid.

THE NEWCASTLE MANUFACTURING Company continue to furnish at the Works, situated in the town of Newcastle, Del., Locomotive and other steam engines, Jack screws, Wrought iron Locomotive shop, adjoining main building, fronting on Parker street, 54x25 feet.

Also—A lot of land on the canal, west side of Parker st., containing 6000 feet, with the following buildings thereon standing:

Boiler house 50 feet long by 30 feet wide, two stories.

Blacksmith shop, 49 feet long by 20 feet wide.

Blacksmith shop, 49 feet long by 20 feet wide.

For terms, apply to HENRY ANDREWS, 48
State st., or to CURTIS, LEAVENS & CO., 106
State st., Boston, or to A. & G. RALSTON & Co.,
Philadelphya.

For terms, apply to HENRY ANDREWS, 48
Dobbs, Superintendent, will meet with immediate attention.

ANDREW C. GRAY,
pa45
President of the Newcastle Manuf. Co. President of the Newcastle Manuf. Co.

VAIL, PROPRIETOR OF THE SPEED-well Iron Works, near Morristown, N. J., c.r. USHMAN'S COMPOUND IRON RAILS, yat short notice railroad companies and others improvements in the construction of rails, mode of guarding against accidents from insecure joints, etc. Wrought Iron Tyres made from the best hor and of any given diameter, and warranted to be sound in the welding. Railroad companies wishing to order, will be pleased to give the exact inside diameter or circumference to which they wish the tyres panies reconstructing their tracks now have an opportunity of improving their roads on terms very ad-

Baidwin, Vail & Hufty, Philadelphia; Wm. Nor-ris, Philadelphia; N. Cam; field, Savanneh, Ga.; J. & S. Bones, Augusta, Ga.; D. F. Guez, N. Orleans, La.; Adam Hall, N. York; J. P. Allaire, N. York; William Parker, Boston, Mass.; George W. Schuy-ler, N. York,

ja4c at a switch, left wrong by accident or design.

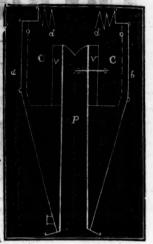
It acts independently of the main track rails, being laid down, or removed, without cutting or displacing them.

It is never touched by passing trains, except when in use, preventing their running off the track. It is simple in its construction and operation, requiring only two Castings and two Rails; the latter, even if much worn or used, not objectionable.

Working Models of the Safety Switch may be seen at Messrs. Davenport and Bridges, Cambridge-port, Mass., and at the office of the Railroad Journal, New York.

Plans, Specifications, and all information obtained on application to the Subscriber, Inventor, and Patentee.
G. A. NICOLLS,
1245

R. ading, Pa.



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THIR Th has y branc cedin the er The i rived of the Th city o

the N Island cation deeme such : Stonir useful betwee comm compa

travel

The has co last su ber of pot in the wa In a ton Br MAINE BAILROAD EXTENSION COMPANY.

The road commences at a point on the Boston and Maine Railroad in Wilmington, three-fourths Boston. of a mile east of Lubber Brook, passes near Wood-end village in Reading, through the westerly part of the village of South Reading, North Malden and Malden—thence over the marshes and across the Mystic river to Somerville-thence over the Middlesex Canal, crossing Charlestown Neck under the Medford turnpike road and the Winter Hill road-thence over the marshes to the Back Bay in Charlestown-thence by a bridge west of the State Prison and across Charles River to Boston-thence between Haverhill and Canal streets to the public square at the head of those streets. entire length of the railroad is 17; miles. miles of the track are laid, and the remainder of the road will be ready for the superstructure as soon as the season opens sufficiently in the spring to permit the laying of the rails.

The total amount of capital paid in up to December 1, 1844, was . . . \$129 76 Other receipts,

\$428,354 76 Total, . The expenditures up to December 1, 1844, have been as follows: \$5,421 71 Engineering, Land and land damage, . . 223,062 40 Bridges from Boston to Somerville, and over the Middlesex Canal and Mystic River

92,543 98 Graduation, . . Fencing, . 3,953 51 Rails, chairs, &c., . Sleepers, Balance of interest. . 275 35 917 07 Miscellaneous expenses, .

\$455,702 64 Total. .

THIRTEENTH ANNUAL REPORT OF THE BOSTON AND PROVIDENCE RAILROAD CORPORATION.

The business of the road during the past year ceding years, without involving any increase in the expenditures, and future prospects in regard to receipts and expenditures are encouraging. The increase of receipts was principally derived from what is termed the local business of the road.

The Long Island Railroad, connecting the city of New York and Greenport, was open for travel in August last, and, in connection with the New England railroads terminating on Long Island Sound, affords a new line of communication between Boston and New York. It was deemed due to the public convenience to make such a connection with the Long Island and Stonington Railroads as should render this line useful, by a prompt and uninterrupted passage between the two cities. Thus far, it has not commanded sufficient travel to remunerate this company for the expense incurred.

The trade on the Dedham Branch Railroad has continued to be satisfactory, and during the last summer warranted an increase in the number of trains. The passenger house, at the depot in Dedham, was enlarged last fall, to meet the wants of an increasing amount of travel.

In anticipation of the opening of the Stough- From Passer ton Branch Railroad, which enters this road in Main Road,

FIRST ANNUAL REPORT OF THE BOSTON AND Canton, fourteen miles from Boston, we have entered into an arrangement with that corpora-In conformity with the act of incorporation tion in regard to operating the Branch Railroad the stock has been fully subscribed for; and the and the tolls for the use of the main road, which company was duly organized by the choice of we do not doubt will prove advantageous to both directors. The survey and location were com-menced in May, and the contracts for the gra-ness of this branch road, we have constructed duation, masonry and superstructure concluded. an engine house at the junction of the Dedham Branch with the main road, and a store house in

> Preparations for the extension of a second track, from Roxbury to the Dedham Branch junction, a distance of eight and a half miles have been made, and it is expected that it will be completed in May next. This portion of the road is more curved than any other, and being traversed by the Dedham trains in addition to those which run over the whole length of the road, requires the facilities and safety which a double track affords, to prevent accidents and detentions.

During the past year the residue of the sleep ers originally laid down have been replaced by new ones. The average duration of the sleep-Four new ones. ers, which were principally of white cedar, has been between seven and eight years.

As the durability of the iron rail has been a source of much speculation, we have taken pains to ascertain particularly the state of the rails on \$428,225 00 this road, and while they exhibit evidence of wear and tear arising from the action of the trains, we are happy to say that their general condition, taken in connection with the amount of renewals since the road was opened for tra vel in 1834, warrants the conclusion, that this important item of construction will never become one of serious expenditure; that a small annua appropriation will maintain the rails in good condition for all time; this opinion is sustained by the fact that in ten years of use to which the rails have been subjected, only 750 new rails . 38,907 76 (about 21 per cent of the whole number), have 3,953 51 been put into the track; a large proportion of this number were originally of inferior quality 1,870 02 when laid down.

The cars and engines are in the same condition as at the date of our last report, with excep tion of a small addition to the former.

On the 31st ultimo we made a careful esti mate of the present value of the cars, engines and other personal property of the corporation which had been charged to the account of construction, and have charged against such de has yielded a considerable increase, in each preciation from the cost to income account, the branch of trade, compared with the three presum of forty thousand dollars, and deducted the same from the cost of construction.

The amount of capital paid in is \$1,860,000 00 The amount expended on account of construction during the past \$11,660 78

year, Amount previously charged, including second track from Boston to Roxbury, and Seekonk

1.914,473 80 Branch,

\$1,926,134 58

Dedurt amount charged against depreciation of cars, engines and other personal property, from Jan. 1st, 1834, to Dec. 31st, 1844, 40,000 00

Present amount of construction account, . \$1,886,134 58 Income of the past year.

From Passengers,-. \$139,265 72

N	AL.	163	
e l'	Taunton Branch, . 32,012 27		- 4
-	Dedham . 18,379 52	\$100 CEN	E 1
1	From Merchandise,-	\$189,657	91
	Main road 74,955 46	· pm,m	100
- '	Taunton Branch, . 11,345 79		
1	Dedham Branch, . 999 96		
1	F - (87,301	21
a .	For transportation of mails, after		
1	deducting expense of carrying to and from post offices.	6,051	44
3 8	For rents, interest, &c.,	691	
,	and the second	TO STITUTE	_
1	and the second second	\$283,701	18
	Expenditures during the year, ex-	To be a	
g	clusive of the amount charged to		
o e	construction account, as before stated.		
	Repairs of railroad, including	in pack aim	
d	bridges, \$18,944 73		P.,
1	Do. cars and engines, 19,969 17	man elel a	
-	Salaries, fuel, oil, and		
У	miscellaneous ex-	State of	
-	penses, 62,702 66	- Provide	13
S	Ferry at Providence to connect with Sto-		
a	nington Railroad, 6,400 00		
	Rent paid Boston and		
n	Providence Rail-	the American	
f	road and Transpor-		
e	tation Company in	ALBE YOU	
1	Rhode Island, for	yman less	1 92
t -	lease of their road, bridge and depot, . 5,818 18		
-	bridge and depot, . o,oro 10	113,834	74
e	de appendix to the state of the	210,002	11
ıl	Net earnings,	\$169,866	44
- 1	Amount standing to the credit of		
d	Income Account, Dec. 31, 1844,		
e	\$156,108 62 The amount of divi-		
e,	dends during the	mark Tues	
of	year, 3 per cent. in		
y	January, \$55,800		
	Do. in July, 55,800		
i-		111,600	00
)-	Amount of deprecia-		
i-	gines, &c., as above		
3,	stated, 40,000 00		
1,	13,000 00		
-	Present amount of In-		
-	come Account, say		
e	on Jan. 1, 1845, 116,108 62		
e	The number of miles run by the Lo	comotives d	lur-
	Passanger training the past year.	***	20.
U	Passenger trains, :	. 102,	764

Merchandise do., 29,400 Gravel do., 5.328 Total miles. 137,492

NINTH ANNUAL REPORT OF THE CHARLESTOWN BRANCH RAILROAD.

The amount of capital stock paid in, is \$250,000 00

Amount expended at the date of the last Annual Report, 84,049 60

past year, and charged to the cost of the road, is

For construction of road and bridges, \$9,299 74 " land and land dam-

. 12,038 93 ages, " road furniture, . 3,703 81 " buildings, . 1,167 64

26,210 12

Total cost of road and appurtenance, \$280,259 72 The receipts of the road for the past year, are

164 Janes Robert States	AME
For transportation of passengers,	
\$7,787 6	3
chandise, 26,144 0	5
" rent and miscellanies, 1,521 6	
Will Hook	- \$35,453 33
Less discount on freight, .	799 43
The state of the s	\$34,653 90
The expenditures of the road the	past year, are
For repairs of road, \$1,545 1	6
" repairs of engine and	
cars 2,471 8	35
" fuel, oil, salaries, wa- ges, and miscellaneous	
expenses, 16,666 0	0
Capended, 1 110,000 0	- \$20,683 10
The number of miles run by locon	
during the year, is	9
With passenger trains . 8,77	1
" passenger and merchan-	-
dise together,	
" merchandise trains, . 5,93	
" miscellaneous, . 1,94	
Two dividends of profits have be	- 27,926
of three per cent., and one of two	
per cent. on the capital stock.	and one nan
Thirty-five thousand one hundre	ed and ninety-
one tons of ice were transported or	
the year 1843, and forty-one thouse	
dred and thirty-eight tons have be	
the past year.	
The manufacture of bricks on the	line of the road,
has been commenced on an exten	sive scale, af-
fording us a new item of freight, w	thich promises
a large increase.	
NINTH ANNUAL REPORT OF TH	IE EASTERN
RAILROAD COMPANY	
The total expenditures for the cons	struction of the
road, its engines and cars, an	d property re-
maining on hand Dec. 31, 1843	
During the year 1844 has been	\$2,388,631 33
added	17,753 19
audeu	17,700 13
Total Dec. 31, 1844,	\$2,406,384 52
A part of the property, valued at	***************************************
\$23,529 50	
has been disposed	
of this year, and	
additions and im-	
provements made	
at the cost of . 5,189 46	
Diminishing the shows expendi	
Diminishing the above expendi-	18,340 04
ture	10,340 04
And leaving it Dec. 31, 1844, .	\$2,388,044 48
The receipts have been from capi-	
tal stock, 18,000 shares at \$100,	
\$1,800,000	
Loan of State scrip,	
due in 1857, . 500,000	
Due reserved fund	
and other ac-	
counts, 88,044 48	\$2,388,044 48
The current receipts and exper- out of the business, and showing	he net earning
of the road for the year 1844, to	gether with in
come from all other sources, and	the appropria
tion thereof, are shown in the fol	

come from all other sources, and the appropriation thereof, are shown in the following tabular burthen, 100 feet long on the keel, 17½ feet provement, which might speedily relapse into statement. statement: . \$293,762 32 Receipts from passengers, Do. merchandise transportation, 33,194 84 10,068 50 Do. from mail. Do. incidental,

Total.

Expenses for repairs of road. Do. engines and cars. Do. for oil for engines, Do. do. cars. 705 72 Do. for fuel for engines, 19,039 47 Do. for miscellaneous-all other. 52,902 26 \$109,318 86 Total. .\$227,919 60 Net earnings. Net income from property, rents, \$234.580 74 Interest on State scrip, \$209,580 74 Dividend of profits to June 30, 1844, 31 per cent. Eastern Railroad, 18,000 shares, \$63,000 00 Eastern Railroad in N. H., 4825 shares, . 16,887 50 79,887 50 Dividend of profits to Dec. 31, 1844, 4 per cent. Eastern Railroad, 18,000 shares, Eastern Railroad in N. H., 4825 shares, . 19,300 00 91,300 00 171,187 50 \$38,393 24 Balance of profit and loss account by amount sales of property over valuation, \$9,344 57 \$47,737 81 Surplus Dec. 31, 1843, . \$87,048 11

Interest on cost of the road to the stockholders tened with clamps, rivets and bands, and from the payment of their assessments to the weighs about ten tons. 31st Dec., 1844, amounts to 41 184 per cent. They have received in dividends, 38,482 per ct.

204,962

544,994

. 53 34 1 cts.

Surplus Dec. 31, 1844,

Expense per mile,

Number of miles run, .

Do. passengers,

The reduction of the freight on Coal on the Pennsylvania Canals will, it is supposed, freight .- Newburyport Herald. enable Pittsburg to supply Philadelphia with bituminous coal. The cost of the transportation will be about \$3 09 per ton.

This is "coming it rather strong." carry coal 400 miles with several changes from canal to railways, besides crossing the Alleghany mountains, for 3 of a cent per ton per mile, is something new under the sun.

Iron Freight Barges .- There have recentof Thirty-third street, six iron barges, which pulse, as to warrant us in holding out most are to form a daily line on the Hudson, be- sanguine hopes, both to owners of property, tween New York and Troy. They belong consumers and the mining operative populato the highly respectable house of Ide, Coit tion. And here let us observe, that we are 212 80 accommodations. The owners think there sent improvement is based on solid grounds, sa chance that the Eric Canal will be enand likely to be steady and progressive.

Say, 238 46 larged throughout during the lifetime of This we consider mainly attributable to the

19,176 00 these boats, and have had them so construc-15,938 80 ted as to fit the enlargement, with no other 1,556 61 alteration than taking off the guards. - Jour. nal of Commerce.

The New Packet Steamer Decatur .- We yesterday examined this new vessel. She was launched, a short time since, from the yard of Currier & Townsend, by whom the hull was built. She now lies at the wharf 6,661 14 of Messrs John Wood & Son, by whom, together with John Porter, Esq., she is owned. She is to be propelled by "Bard's Patent 25,000 00 Propellor,"-that is, two submerged paddles, revolving upon two cylinders of iron, just by the stern post, one on each side-the cylinders pass into the vessel, and connect insi te with the engine. Outside, therefore, the only machinery which is to be found, is the two paddles, and the two shafts or cylinders to which they are annexed; and these submerged, and close to the vessel, under the run. Mr. Bard, the patentee of these double propellers, is now a resident of Boston, we are informed, and formerly of Maine. His plan is said to be a great improvement on that of Hunter, and others. The iron work, engine and boiler, are all made, and to be put into working order, by Seth Adams & Co., of South Boston.

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Besides the "Propellers," there will be fore and aft sails, rigged upon two masts, schooner fashion. There will be neither topsail nor bowsprit. The length of the Decatur is, on deck, 105 feet, with 22 feet 39,310 30 beam. She is a handsome model, with clean run good bows, and flush decks, about 145 tons.

> Yesterday, they were just getting the boiler on board. It is a huge, iron, cylindrical chest, with furnace attached-massively fas-

> This steamer is to ply, as a regular packet, between this port and Boston; and is to be handsomely fitted for passengers, as well as properly arranged for the carriage of

FOREIGN EXTRACTS.

The Iron Trade, Railways and Ship Build-To ing .- It gives us sincere satisfaction to lay before our readers a flattering account of the iron trade. Never do we remember a period when its prospects were brighter, or its improvement more decided. Our information from all quarters is gratifying, that from the north more particularly so. In Durham it value has been materially enhanced, and the ly been built at the Archimedes works, foot trade in Newcastle has received such an im-& Co. of Troy, and were planned by one not easily captivated by a temporary fluctuabeam, and 7 feet hold, with a guard of 21 dulness, if not depression; but it is after a calm feet all round, and the arrangements in all and anxious reviewal of the trade that we derespects such as to afford the best possible liberately express our conviction that the pre-

trade also. Thus, while the consumption of on both the top and bottom edge." locomotive system abroad has so raised the strength .- Mining Journal. value of our trade with Germany, France and America, that notwithstanding the prohibitory duties in those countries, our export trade in this metal bears an increase for the last over the preceding year of more than million sterling.

But, independent of the favorable influence high and profitable market.

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into alm e deinds, o the essential points, we have directed our attention, by the assistance of practical observation "The capital expended in 1844 on 1805" We have already used the patent iron in several steam vessels we have lately built, and are satisfied of its superiority over every other shape of iron hitherto in use. Heretofore, iron vessels have generally been constructed with angle iron, usually employed for the ribs of vessels, and also by uniting one or

petus which this system has given to the de-partment in question is not confined to the these systems, it is well known, are not so by more than 50 per cent, the proportional home, but has had its effects on the export strong as a bar of iron, having ribs or flanges increase of expenditure, and it is to be hoped

mand in the market, and, to all appearances, placing the greatest quantity of iron in the to further reduce the amount of future expenthat demand must increase considerably for weakest parts, which thus with a trifling ad-diture in both the construction and working some years at least; the development of the dition of weight, affords tenfold stability and of the lines, so as not only to afford the great-

STATISTICS OF RAILWAY TRAFFIC.

Returns for the year 1844. Prepared by Mr. J. T. Hackett, for "Herapath's Journal." 80,000 tons, or in money upwards of half a Receipts from passengers and parcels, £4,-

The vast advantages arising from be found in the official returns given in this board of admirality.—Exeter News. vessels being thus constructed, as regards Journal during the last year. The capital speed, safety and economy, have been so in disputably established, that a general, if not exclusive adoption of the principle, not only traffic returns for the past year, amounted to and the dividend will be as before, at the rate for steamers, but also for sailing vessels, may £5,584,982, from which is to be deducted 40 of 10 per cent. The rumor that this combe fairly anticipated. Here, then, will be a per cent for working expenses: £2,233,990, pany intend to lay down a third set of rails, constant enormous demand for iron, which, if £196,500 for passenger duty; and £157,724 to accommodate the coal and additional goods over sanguine in expecting a steady improve-ment in every branch of this industrial de-for the year. It must be borne in mind that some of the traffic returns range only from of iron as applicable to ship-building, by the way, having no returns for about three months cross amount of money, £83 3s. 6d., (last year, of from as applicable to ship-building, by the way, having no returns for about three months patentees, Messrs. Kennedy and Vernon, of making in all partial returns only upon rather Jan. 25.—Passengers, 21,137; amount of Liverpool. The improvement they propose is simple, and likely before long to be unicapital mentioned above includes the whole versally adopted; its nature will be best un-

and experience. Although we do not pre-miles of railway was £61,489,056; in 1843, tend to say that the vessels hitherto construct on 1,586 miles £56,135,104, and in 1842, on gether, and if they remain firm there is no total traffic returns of 1844 were £5,584,982 tageous terms.—Herapath. danger to any part of the vessel, built of pro-per materials and scientifically constructed. £4,827,655, or £3,044; in 1842, £4,341,781, of recent date says: "There is great activity

extended adoption of railways; and the im-two pieces of this angle iron with a plain bar things taken into account it appears that the that the extensive experience afforded by the The importance of this application to ship construction and working of so many miles iron, to furnish new rails, carriages, engines, etc., for this country, has created a large de-building must be manifest at one view, by of railway will enable the various companies est possible amount of accommodation to the public, but at the same time, to secure a safe and handsome return for the shareholders."

Electric Telegraph.—The work of laying Number of passengers carried 19,579,191. down the patent electric telegraph on the South Western railway, from London to Gosport, is nearly completed. The posts for sus-136,681, from merchandize cattle, etc.,£1,448, taining the wires, which are fixed at about 50 301. Total receipts for 1844, £5,584,982, yards distance, are put down nearly the whole equally important circumstance, which con- for 1843, £4,827,655, for 1842, £4,341,781. way, and the fixing of the wires is being raequally important circumstance, which considerably affects the trade. We allude to the consumption of iron for the purposes of ship-building. The vast advantages arising from the found in the official returns given in this

our mines are able to supply, will afford a for property tax, which will leave a sum, clear traffic, is all fudge. The company could of income tax, amounting to £2,996,778, for carry much more traffic than they have with-With these prospects before us, we are not distribution among the shareholders and would out inconvenience. Extra goods would, of

Thames Tunnel Company.-The number In reference to the above subject, we may here acknowledge the receipt of a treatise, illustrating and explaining the improved forms wiles, and that the Brandling Junction rail-

money, £88 1s. 5d., (last year, £112 4s. 10d.)

Important Fact.—It is a singular circumderstood by giving the words of the inventors, matters taken into account, together with the stance, and one as to which there can be no "Iron ship-building has made much progress deduction made above for property tax, the doubt, that of all the accidents which have in this country, but it is still capable of great railways referred to may be safely assumed occurred in railway travelling, not one has improvement; and to effect this in two most as having paid on the whole, rather more than proved fatal to any passenger in a first class carriage.

The Lancaster and Carlisle company have completed the additional agreement with the ed are in any danger, from the adoption of 1,520 miles, £51,180,000, which gives an iron of the common form for deck beams and average cost per mile in 1844, of £34,066; The latter railway, in consideration of the common form for deck beams and average cost per mile in 1844, of £34,066; side frames, we consider that the forms we in 1843, of £35,394; 1842, of £33,671. It a guarantee of 5 per cent. on the capital of £400,000, with an option of amalgamation, out a patent, effect the object of uniting the maximum of strength with the minimum of weight in the highest degree. There is no part of a ship to which strength is of more consequence than in deak beams and side the trade of the country as weight in the highest degree. There is no part of a ship to which strength is of more consequence than in deak beams and side the trade of the country as well as the trade of the trade of the trade of the country as well as the trade of consequence than in deck beams and side the trade of the country, as well as proving and Carlisle line is progressing favorably, and the contracts have been made on very advantage and if the contracts have been made on very advantage and if the contracts have been made on very advantage.

	No. 2 1 1 111	I		ENGLIS		- LE E-		Dividend a		1 6	NEW	AND P	KOPOSE	D 1	chare
stepped the literature of		1 - 1	n pounds. be raised	Total sums, in pounds authorized to be raised by loan or mortgage.	pounds, ates of heets.	ba	gs, in months test bal	meeting		3	M. Tall	RAILW	AYS.		Capita
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Paris and Orleans. Paris and Rouen Paris and Rouen Preston and Wyre. Paris and Manchester. Paris Vale.	s and Seli m and M Num. of shares.	82 84 19 19 88 30 25 20½ by 28 20½ 20½	1,600,00 1,440,00 830,00 1,150,00 2,996,00 465,00 519,15 187,50 1,062,50 ancous.	0 400,00 0 179,80 0 311.7 0 1,530,2 0 154,7 0 62,5 0 62,5 0 167,5 Div. p.c.	52 355, 59 951, 77 3,464, 85 590, 348, 60 230, 60 676,	447 9,0' 415 31,2' 161 4,1' 4455 1172 40,9' 006 8,5' 626 5,4' 250 resent price. L.	71 37,794 47 91,177 7,066 95 14,876 93 81,483 00 18,414 01 13,856 NAME 0 oughborou	12 10 0 0 16 0 16 0 16 0 17 0 18 0 18 0 18 0 18 0 18 0 18 0 18 0 18	6 16 8 8 0 0 8 0 0 nihil. nihil. 2 2 0 6 5 0 1 8 nihil. 0 0 0 0	100 104 20 39 20 38 50 18 82 93 50 39 100 55 29 37 16 25 50 100 Num. of shares.	West White PI Boulog Centra Lyons Orlean Paris Paris Paris Am't. of share	Yorkshi haven a RENCH R gne and al of Franch A ans, Tour and Lyand Crl and Crl and Crl and Lyand Ro	and Markanian Amien ance vignon vignon eans Div.p.c. per ann 70	Last price.	1,000 100 1,500 1,280 2,400 2,500 1,600 1,440
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Clack river canal. Layuga and Seneca Champlain canal. Chemango. Crooked lake Crie—enlargement of Cenessee valley. Mail miles opened, cost \$1,500,000 Crooked lake Crooked lake Crooked lake Crooked lake Crie—enlargement of Crooked lake C	64 23 97 8 363 120 6 38 25 60 45 82 36 39 130 105 73	iles.	1,52 23 1,25 68 2,42 15 12,64 3,73 56	9,000 0,000 5,437	102,308 8,140 16,195 461 1,880,316 12,292 225 29,147	10,953 14,486 15,967 3,674	24,618 116,739 14,385 22,179 1,498	14,443 12,740 15,960 3,951	The auction estima Black completis much of these	six mand and te of ceriver extion, the greater cans	salt ost. anals he in ter the	repaid to duties an The Go s require terest of nan the es	et deep, and to deet in lengt of the canal re not incluence en valle elerge sum which additional entre entre en transfer en tr	fund from aded in the ey and the ns for the cional sur oss incom
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champlain canal. cheming. chem	64 23 97 8 363 120 6 38 25 60 45 82 36 39 130 105 73		1,25 68 2,42 15 12,64 3,73 5 56	1,664 4,600 0,000 6,777 8,852 1 9,000 5,437	102,308 8,140 16,195 461 1,880,316 12,292 225 29,147	14,486 15,967 3,674	116,739 14,385 22,179 1,498	12,740 15,960 3,951	estima Black comple is muc of thes	te of c river e etion, the h great e cana	anals he in ter th	The Go s require terest of an the es	enesee valle e large sun which addi stimated gro	ey and the ns for the lional sur oss incom
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crocked lake crie—enlargement of cenessee valley. miles opened, cost \$1,500,000 ceneda lake swego eaver division canal crench creek. eneca river towing path columbia railroad astern division aniata canal cortage railroad Vestern division canal. Usets " Locking canal liami canal diami extension. diami onothern division.	8 363 120 6 38 25 60 45 82 36 39 130 105 73		15 12,64 3,73 5 56	6,777 8,852 1 9,000 0,000 5,437	461 ,880,316 12,292 225 29,147	3,674 13,819	1,498	3,951	is muc of thes	h grea	ter th	nan the es	stimated gro	oss incon
rie—enlargement of enessee valley. 2 miles opened, cost \$1,500,000 meida lake swego eaver division canal. elaware canal rench ereek eneca river towing path olumbia railroad astern division aniata canal fortage railroad Vestern division canal. forth branch Susquehannah canal Vest " Iocking canal diami eanal diami extension diami northern division.	363 120 6 38 25 60 45 82 36 39 130 105		12,64 3,73 5 56	8,852 1 9,000 0,000 5,437	12,292 225 29,147	13,819			of thes	e cana	als w	an the es	stimated gro	oss incon
enessee valley. 2 miles opened, cost \$1,500,000 meida lake swego eaver division canal. elaware canal rench ereek. eneca river towing path olumbia railroad astern division uniata canal ortage railroad Vestern division canal. forth branch Susquehannah canal Vest "" Iocking canal diami eanal. diami extension. diami onthern division.	120 6 38 25 60 45 82 36 39 130 105		3,73 56 56	9,000 0,000 5,437	12,292 225 29,147	13,819			onired	e cana	us w			4 1 10 10 10 10 10 10 10
2 miles opened, cost \$1,500,000	6 38 25 60 45 82 36 39 130 105		5 56	0,000 5,437	225 29,147	13,819	19.641				mlete	these ty	wo canals a	re 40 and
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elaware canal. rench creek. encca river towing path olumbia railroad astern division uniata canal ortage railroad Vestern division canal. orth branch Susquehannah canal. Vest """ Iocking canal. Iiami eanal. Iiami extension.	60 45 82 36 39 130 195 73		6				56,165	28,599	ture in	curred	on e	estimated	incomes (a	dmitted
rench ereek. eneca river towing path olumbia railroad astern division ortage railroad ortage railroad forth branch Susquehannah canal ortset " " Iocking canal fiami canal diami extension diami northern division.	45 82 36 39 130 105 -73		6		******		7,381 109,278	22,870	be libe	ral,) of	1 \$39	,000 and	\$14,000 res	spectivel
eneca river towing path olumbia railroad astern division uniata canal ortage railroad Vestern division canal forth branch Susquehannah canal Vest " Iocking canal fiami canal diami extension diami northern division	82 36 39 130 105		6				103,210	20,010	THE				the works o	
astern division	36 39 130 195 -73			9,276 .			381		164 90	for 184	the c	ere \$1,0	19,401; for 30 million:	1844 %
nniata canal ortage railroad Vestern division canal. forth branch Susquehannah canal. Vest " Locking canal. fiami canal. diami extension. diami northern division.	39 130 195 -73)					443,336	205,067	7977				ere as follow	
ortage railroad Vestern division canal. forth branch Susquehannah canal. Vest "" Iocking canal. fiami canal. diami extension. diami northern division.	130 195 -73	1					179,781	138,915	Canal	talle				579 4
Vestern division canal forth branch Susquehannah canal Vest " " Iocking canal Jiami canal Jiami extension Jiami northern division	105 -73	1.1						248,943	Railro	ad toll	8,			252,8
forth branch Susquehannah canal Vest " " " locking canal diami canal diami extension diami northern division	73						331,100	~20,520	Motive	e powe	r,		-	319,5
locking canal	70						101 040	57 (22)	Truck	s, ab #50	5.000	ia frama	118 miles c	13,4
Aiami canal							101,949		and \$5	78 404	fron	n 550 mi	iles of canal	lamo
diami extension	56			5,130	4,757		5,286			canal	of i	Ohio are	e supported	her a m
liami northern division				0,742		38,826			perty t	ax of	54 m	ills on th	he dollar.	There
			2,00	6,636	8,291		12,723 unfin'd.		853 m	iles of	canal	I in the S	State, which	vielded
Auskingum	91		1.62	7,318	23,167		00.938	15 000	1843	471,62	23, ar	nd in 18	44 \$515,393	3, the co
hio	334			0,000	322,754		343,711	112010	11st Jan	1. 43 b	eing	\$15.577.	.233. The	increase
Vabash	91			8,340		6,400			44 ove	er 43 1	sonl	y \$43,77	0, though the	he year
Valhonding	25			7,269		39,005			countr	v than	ever	before k	cnown	ngnout
Vestern road	31		11 00	5,015	7,254	1,782	8,747							n vield
Jaume canal			11,00	0,000		******			incom	e what	ever.	Mis On St	undry work	5 Jieiu
undry works			10.00	1000 0					The	centra	rai	Iroad vie	elds above (i per cer
Central railroad	110		1,81	2,308	149,987	75,960	211,170	89,420	and is	the on	ly St	ate work	the Erie	canal c
	68	,	93	6,2951	24,064	7,907	60,341	70,000	cepted	-whic	ch is	able to si	tand alone.	
CANALS.			Co	st.	Income	e. D	er Inc	come.	per	of		·	REMARKS.	
In all the second secon	-					Nett. ce	Gross.							
			40											
			1.00	0.000							·W	e may r	perhans, ats	ome futr
harleston. (S. C.)			1,00	0,000							time	be enabl	led to give t	he partic
hesapeake and Ohio	184	1	12,37	0,470	47,637									
			30	0,000										
elaware and Chesapeake	13		9 50	0.000	20 205 10	2 001	100 00	100 604		26				
armington	103		3,30	0,000.3	19, 199 10	2,221	130,03	120,024		31				
ames river and Kenhawa														
liddlesex											Th	ne Morris	s canal was	lately s
ort Deposit	10		20	0,000							for o	ne millio	m, about on	e-fourth
			2,90	0,000	99,623 5	3,327					of its	s cost. I	it is said in	we pap
			2 90	0.000							seen.	no renor	t nor bear	of the
nion											poin	tment of	any engine	er.
										28	1		, ,	
ismal Swamp									1					1
		igth[]	No. of	Lockag	el, i	Size of la	cks.	1		E7 . 4	-4-	4.0	. 18	13.
		les.	locks.	in feet.	chamber	Width.	mitre sill	Bottom.	Surface		2	Sept. 1843.	Income.	Expens
Welland canal			91	900	feet.	feet.	feet.	feet.	feet.	3,948,	5722	,485,572	64,658	:1,
	-	_			-								1	
branch to Dunville not adde		+ 0		-										
	1	1-2		0	200	40	9	45	90		• • • •			
e St. Lawrence canal			0	· · · · · ·	200	45	0	50	90					-
									90			973		*
point		3-4	1			45	9	50	90					21-
passing the Long Sault rapids	. 11		7	48	200	55	9	100	150					1
														200
			9		200		9	80	120					9,0
			57					1		1,001,	000	01,200		4.
at from take take to the sed	66	}	9	74	120	24	6	36	60	200,	,000	440,000	1,409	1,0
COAL COMPANIES				Cost		1843.	Div.						REMARK	S.
	R. rd.	Car	nals.		Gros	s. Net	t, cent.	Gross.	Nett.	cent.	stock	k.		J. Flyd
Delaware and Hudson						203 196,	702 10	9.3		1	117			
enigh	20	72	1		000						31			
il a chi che ca al che ca	undry works. laume canal undry works. entral railroad. CANALS. lackstone. ald Eagle Navigation. eaver and Sandy, (part). harleston, (S. C.). hesapeake and Ohio onestota. elaware and Chesapeake. chuylkill. armington. umes river and Kenhawa. iddlesex. ort Deposit. elaware and Raritan outhwark. idde Water. nion. lorris. ismal Swamp CANADIAN CANALS. Welland canal. unk from Port Colborne to Port Dalhousi branch to Dunville est Lawrence canal. und Port Cardinal lat. point. passing the Long Sault rapids. last, do Coteau, Cedars and Cascades road. clachine rapids. t of do. al from lake Erie to the sea.	andry works laume canal	Length L	CANALS. Length in miles Company Canal Canal	CANALS	Andrew works 11,000,000 1,000,000	Indry works Indo0,000 Industry works Industry Indu	Indry works	Index works Index works	The laume canal 11,000,000 1,000,000 1,812,308 149,987 75,960 211,170 89,420 and is puthern railroad. 110 1,812,308 149,987 75,960 211,170 89,420 and is puthern railroad. 110 1,812,308 149,987 75,960 211,170 89,420 and is puthern railroad. 110 1,812,308 149,987 75,960 211,170 89,420 and is puthern railroad. 12 360,000 1,000,000	The set 1	11,000,000 10,	1,000,000 1,0	1,000,000 1,00

	LANGE TO A STATE OF THE STATE O	Length	AME	Loans	Number			43.	Div.	184	4	Div.	Previ-	SALI	
	RAILRGADS.	in	Cost.	and	of	OB	Inco		per	Inco	me.	per	ous	Week er 22d Febr	nding
		miles.		debts.		share	Gross.	Nett.	cent.		Nett.	cent.	prices	Shares.	Price
Me.	I Portland, Saco and Portsmouth	50	1,200,000				89,997	47,166	7	124,497	74,841	6	981		
. H.	2 Concord	35	750,000							200 101			130		
0.88.	3 Boston and Maine	56					178,745			233,101			110		
66	4 Boston and Lowell	26					277,315 233,388	144,000	8	316,909 282,701	147,615	8	120		118
	5 Boston and Providence	41	2,914,078				404,141	169 000	6	428,437	105,109	71	1171		107
44	6 Boston and Worcester	21	250 000	not stated			******	17 500	7	17,737	135,105	1.2	11.12	00	110
66	8 Charlestown branch	201		not stated			*****	11,000	13	34 654	13,971	51	81	30	821
66	9 Eastern	54	2,388,631				279,563	140.595		337,238	227,920		1071		1174
66	10 Fitchburg	50	1.150.000	justopn'd							26,835		118		117
66	11 Hartford and Springfield	25 1-2	132,852	do.											
4	2 Nashua and Lowell	14 1-2	380,000				84,079		8	94,588		10	120		
	13 New Bedford and Taunton	20	430,962				50.671	24,000	6	64,998					
	14 Norwich and Worcester	59	2,170,366	not stated				24,871		230,674			71	7,617	731
66	15 Taunton branch	11						20,000	8	96,687	20,000		118		
66	16 West Stockbridge	3	41,516		00.000		FRD 000	004 490		759 759	490 cen	4		*****	
66	17 Western, (117 miles in Mass.,)	156	7,686,202	4,686,202		100	573,882	284,432		753,753			994	199	1
	18 Worcester branch to Milbury	38	8,431	500									100		1
	19 Hartford and New Haven	74	1,244,123							150 000			37		
	20 Housatonic, (10 months,)	48	2,600,000				113,889			154,724	79 845		42	1,875	431
v	22 Attica and Buffalo	31 1-2	268,275				45 896	7.522			10,010			1,010	404
66	23 Auburn and Rochester	78	1,727,361				189 693	112.000					107	27	1061
	24 Auburn and Syracuse	26	743.931				86.291	27.334				1	116		
6	25 Buffalo and Niagara	22	200,000		1,500	1331							100		
6	26 Erie, (446 miles,)		5,000,000										30	400	30
16	27 Erie, opened	53						48,000							
16	28 Harlem	26	2,200,000										704	1,150	71
	29 Hudson and Berkshire			000.040	20.040					150 450	******				
ce c	30 Long Island	95	1,884,640	392,340	29,846	50	20.040	E0 800		153,456	70,043		78	4,385	
	31 Mohawk		1,030,949				09,948	20,700		84,306	40,000		65	225	
	32 Tonnawanda	43					16,221				*****				
1	Troy and Greenbush	25					44 205	91,000		,					****
	34 Troy and Saratoga	20 1-2					28.043	21,000	****						
1	36 Schenectady and Saratoga	22	300,000				19 919	3 000	1						
1	37 Utica and Schenectady	78	2 124 013				277 164	180,000	9				1291		
	38 Utica and Syracuse	53	2,124,013 1,080,219				163,701	72,000					1151		
. J.	39 Camden and Ambov	61	3,200,000				682,832	383,880					110		
16	40 Elizabethtown and Somerville	26	500,000									1			
33	41 Morris and Essex														
26	42 New Jersey	34	2,000,000										94		1
	43 Paterson	16											851	75	85
	44 Beaver Meadow	26	1,000,000												
23	45 Cumberland Valley	46	1,250,000					******							
	16 Franklin.	10 1-2	900 000				******						20		
66	48 Hazleton branch*	36	120,000										.30		
44	49 Little Schuylkill		900,000			****	******								
	50 Blossburg and Corning	40	600,000												
11	51 Mauch Chunk*	9	100,000												
66	52 Minehill and Schuylkill Haven*	18	315,000						12				140		
66	53 Norristown	20	800,000										6		
66	54 Philadelphia and Trenton*	30	400,000												
33	55 Pottsville and Danville	29 1-2	1,500,000												
**	56 Reading	94	9,457,570	7,447,570	40,200	50				597,613	343,511		48	4,935	49
	57 Schuylkill valley		1,000,000												
**	58 Williamsport and Elmira						20,000	300 000							
	59 hiladelphia and Baltimore		4,400,000				43,043	200,000			210,000		42	5,227	
	60 Frenchtown		000,000				EME 000	270 400		CEO COO	240.01		400		
/d.	61 Baltimore and Ohio, (1st Oct.)	50	2,000,000				575,235	2 19,402		358,620	346,946		48	1	48
66	62 Baltimore and Susquehanna	58 38	1,800,000				179 000	71 601		210 130	104 500		94		1
_	64 Greensville and Roanoke*		960,000				111,221	11,091	1	212,129	104,525		84		
66	65 Petersburg and Roanoke*	60	766 000									3			
66	66 Portsmouth and Roanoke	78 1-2	850,000							1		1)		
66	67 Richmond and Fredericksburg*		1.200,000												
66	68 Richmond and Petersburg*	22 1-2	700,000												
66	69 Winchester and Potomac*	32	500,000												
C	70 R leigh and Gaston*	84 1-2	1.360,000						1						
83	71 Wilmington and Raleigh *	161	1,800,000									1			
C	72 South Carolina	136	5,299,224	1-	34.410	75	201,464					8			
16	73 Columbia	66			,		201,464	77,456		328,425	180,704		55		
a.	74 Central	190	2,581,723				1227.532	93.190						-	
1-	75 Georgia	147 1-2	12.650.000				248.026	1158.207	1	248 096	147 523	3			1
IA.	76 Tuscumbia	46	*00.000												
	77 Lexington and Ohio		500,000									1			
hio	78 Little Miami		450,000				******								
6	79 Mad river	1	400,000										*****		1
	81 Detroit and Pontiac									*****					
roll.	82 Erie and Kalamazoo											1			1
	The same with the same state of the same same same same same same same sam	1 70	150 000		1										1
nd.	83 Madison and Indianapolis	56	12022 4 10 10					12,000							

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First a tensi Thirte vide Ninth railn Ninth pany Foreig Traffic State v Enlarg Miscel Suspen Board

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conve the fa to be regularly sent to us.

communications by Monday morning at latest.

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vidence railroad corporation	
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AMERICAN RAILROAD JOURNAL.

PUBLISHED BY D. K. MINOR, 23 Chambers street, N.Y.

Thursday, March 13, 1845.

WESTERN RAILE	AOS	D	Rec	eipts for t	ne week en
ing March 1:				1845.	1844.
Passengers,				\$5,020	\$3,693
Freight, etc.,		-		6,878	6,465
Total,	-		-	\$11,898	\$10,158

The receipts of the Norwich and	W	Torce	ster rail-
road for February were -			\$11,764
Same month last year,		-	11,785
Receipts for January, 1845, reported	, .		11,600
Two months in 1845,		-	23,364

MINEHILL AND SCHUYLKILL HAVEN RAILROAD. The following is the amount of coal transported over this road, for the week ending on Wednesday eve-4,770·15 34,818·05

Per last report, 39,588.20

THE COAL TRADE.—Sent by railroad up to Thurs

Cremme in	St. ZVACIO	cro	e vu	7 700	770	
Schuylkill	Haven,		-		-	5,973.06
Pottsville,	-			-		2,269 11
			-		-	8.242-17
Per last	report,					50,914.29
						59 156-46

PHILADELPHIA AND COLUMBIA RAILWAY.—The following shows the collections at this office for the month of February, 1845:

Railway. M. Power. Total. Am't as per last report, 8,492·15 10,116·15 18,608·30 Do. for February, 1845, 4,715·38 9,119·03 13,834·41 Whole amount since

Nov. 30, 1844, 13,207 53 19,235 18 32,442 71

RAILWAYS OF MASSACHUSETTS AND CANALS OF NEW YORK.

The railways of Massachusetts which have been in operation for one or more years have cost \$23, subjects the most vital to republican institutions." 000,000, and yield a nett revenue of 61 per cent. on similarity ends. The railways of Massachusetts would sell to-morrow for more than they cost: the would sell to-morrow for more than they cost: the nal improvements, their career has outstripped even the ardent predictions of their projectors." the Erie canal would not command the twenty millions of dollars laid out on it. The railways of Massachusetts are used throughout the year for the transportation of both passengers and freight, the canals of New York are navigable during seven months of the year for the transportation of freight. The farmer of Massachusetts may send his fresh meat, butter, etc., to market by any railway, or other mode of "This is an increase of nearly one per cent. over conveyance he may prefer, at any season of the year; the farmer of New York is strictly prohibited from "The railroads of Massachusetts ranged about the the farmer of New York is strictly prohibited from the use of railways during the summer, because that same for that year."

We particularly request statements of the traffic of is the only way of reaching market during the hot | T We call upon the government and the legiseach week and of the corresponding week of last year weather, but is allowed to use the canals whenever lature to enforce rigorously and by the severest penhe pleases—in summer, because the rate of speed is alties, proper statements of the condition of every Correspondents will oblige us by sending in their too low to carry fruit, meat, butter, etc., without spoil- railway company in the State. It is openly asserted ing, and in winter, because the canal is frozen up, in the public prints that the reports of some compaworks in all parts of the State; the canals of New lisher to heavy damages, if not indeed to imprison-York have always been an incubus on private enter- ment; and deservedly so. prize, and, we may safely assert, that the line of rail-3 way from Albany to Buffalo has been completed in and Eric railroad company, in the official report of 0 gies of the people by odious monopolies and heavy tion as to the actual condition of the railroad compaas they are powerful in war; affords immense faciliagement to its own extension.

> MR. EDITOR: I was pleased to see in a late number of your Journal a notice of Nicoll's safety switch. Mr. N. has added a valuable appendage to railroad tracks, which, I trust, will be universally tried and our citizens. adopted. The accidents which result from want of adjustment of switches are very numerous, and it is not saying too much, that Mr. N. has provided a remedy for a very serious defect in the tracks as now in

It is not wonderful that railroad corporations are tired of examining new patent machinery and fixtures, but the safety switch of Mr. N. really deserves MASSACHUSETTS.

[The above is from a source which entitles it to be received with confidence.-Ed. Journal.

BAILWAYS OF NEW YORK.

and shall be happy to find the second borne out by libility of the public; in the manner of the governor, who, after a long dissertation on the canals, their immense cost and the deep interest taken in them by the public, turns to the comparatively neglected subject of education, and its limited funds, with the sarcastic observation that "it is pleasant to turn" "to

"This report for 1844 exhibits a very flattering that amount. The canals of New York yielded last condition of the roads of this State. In the aggreyear 6 per cent, on their cost. Here, however, the gate, they have reached a stage of successful operation, far beyond the most sanguine anticipations. Like our public canals, the other great arm of inter-

> "By reference to the cost of construction given in the table, and deducting the cost of the Schenectady and Troy, and the Albany and West Stockbridge roads, from which no revenue is derived, the total from which are derived the aggregate income of \$1,-100,016. From this statement results \$17,197,251: 1.100,016::1: 64 or 6 4-10 per cent. on the capital

when the permission can do the government no harm nies-the Long Island and the Harlera among the and the farmer no good. The existing railways of rest-are anything but fair. Charges of this kind, Massachusetts are leading to the extension of those if unfounded, would subject the writer or the pub-

We find serious charges against the New York spite of them. We could not desire a better illustra- the railroad commissioner, at the very time when tion of the effects of the rival systems of governmen- another instalment is called in. The great object tal and private works: the former cripples the ener- of the Journal is to give the public correct informataxes, and disgraces the country by the construction nies in the United States, and to do this is not very of works whose cost is inversely as their usefulness; easy, even with pretty full reports; but when reports the latter bestows on the country, without any taxes, are drawn up puposely to entrap the unsuspecting, a system of works as useful and honorable in reace all we can do is to warn the public against having anything to do with them. The legislature can powties to the great agricultural and manufacturing in- erfully aid the cause of public works by insisting on terests, and, by the success which almost invariably full statements of the affairs of each company. It attends its efforts, gives the greatest possible encour- is true that the loss falls on individuals and not on the entire community, as in the case of State works; still, so vast an interest has the public in the extension and proper management of railways, that they cannot be neglected by the legislature, without inflicting at the same time serious injury on all classes of

> We acknowledge the receipt of the reports of the Massachusetts railways from H. Williams, Esq., treasurer of the Boston and Worcester railroad, also from W. R. Lee, Esq., superintendent of the Providence railroad. We are indebted to C. M. Keller, Esq., of the patent office, for the annual report of the commissioner of patents.

> Will some friend oblige us with a copy of the last report of the Camden and Amboy railroad com-

A late number of the Philadelphia Ledger contains a "Prospectus for a loan of \$500,000," for The official document containing the reports of the the enlargement of the Schuylkill navigation, signed various railway companies to the legislature is not by C. Ellet, C. E., and dated New York, March 1, yet out. The Albany Argus gives the principal ta- 1845. This is the first we have heard of this affair. ble and some remarks. We select two of the latter, or we should at once have warned our citizens to have nothing to do with it. Its success is based on carrythe document itself; as for the first, it is so notorious- ing freight on a canal at the rate of 30 cents for 108 ly wrong, that the writer is probably trying the gul-miles, or 41 2-3 cents from New York to Albany, less than half the cost by the Hudson!

We perceive that the gentlemen alluded to in our last, as having taken hold of the New York and Albany railroad, are now in Albany laying their views before the railroad committee of the legislalature. They propose to construct a road of the first order, over which the distance may be run in five hours. On the other side, the friends of the Harlem demand a charter to enable them to connect their railroad-if it may be called such-with the Boston and Albany line in Columbia county. We cannot for a moment entertain a doubt as to the course the legislature will adopt. The immediate construction of a first rate railway is the end the new company have in view, the name of the Harlem railroad at once conjures up a gambling, unproductive and cost of the other roads is shown to be \$17,197,251, miserable affair, caring nothing for the accommodation of the public, and in which no man would ever think of making an investment.

> A meeting has been called in Boston to discuss the policy of uniting the Worcester and Western railroads, under the title of the Boston and Albany railroad.

STATE WORKS OF NEW YORK.

Having given the financial condition of the canals, we now lay before our readers are nearly completed. such extracts from the report of the canal commissioners as may be required to complete the view of the public works of New

"The navigation on the canals was commenced on the 18th of April, and closed on the 26th of November.

"From the commencement to the close, there were but few interruptions to navigation; which interruptions, and the causes of them are particularly stated in other parts of this

"The amount of tolls received on the canals, has been much greater during the last

than in any preceding year.

"Boats have carried as heavy cargoes as heretofore, but the great increase of business on the canals has materially added to the number of lockages."

The amount expended by the commissioners on all the works during the past year is \$720,449 93. Of this sum, \$418,692 06 were for the enlargement of the Erie canal, and \$202,106 67 were for the Genesee valley canal.

" Lockages .- A table showing the number of lockages at Alexander's lock, three miles

table, that the number of lockages in 1844 ply of water to-do nothing, for, such is, from this reservoir would not be required for was greater than in any other year, with the exception of 1841. The increase of 1844. over 1843, was about 5,000, and about 2,000 ness. The best plan would be for the State it. In view of the deficiency of water expeless than in 1841. The great number of to sell them out, or, if no purchasers present rienced last summer, and for the reason that lockages in 1841, was occasioned by the large themselves, to give them away, or, failing an increased demand will continue to be made amount of materials boated for work then in that, to abandon them to the frogs. Indeed, the commissioners are now of the opinion the progress of construction on the enlargement of the canal, and not by the greater quantity of ordinary freight transported.

" Although the number of lockages on any day the past season, may not have been so great as to tax the single locks to their utmost capacity, if boats had arrived regularly above and-voters. and below the locks, so that no time would to navigators at all the single locks east of junction. Syracuse.

to increase, it will soon be indispensable to its a manner as to admit of the timber being ta- and the first week in September, the deficienaccommodation to have double locks brought ken out, and others put in without destroying cy of water was so great as to cause serious into use at all places from Albany to Syra- the masonry

cleding those at each place, 49 sets of double undergo a thorough repair, in order to insure part of the canal has been in use, shows the locks, as the same were located for the en- good navigation. There can be no doubt that necessity of obtaining an additional supply of

are completed and in use, being all the locks three years past. from Albany to and including the first one west of Schenectady.

"No. 24 has not been put under contract." undergone a thorough repair the last season,

Many of the remainder are in use and all

Of lockages at Alexander's lock, three miles west of Schenectady, from 1824, when the canal was opened, to 1844, both years in-

	ear.	No. of lockages from opening to close of canal.	verage lock-	verage No. of inutes to pass ch boat.	er previous	from previous season.	Navigation opened.	Navigation closed.	No. of days of
1	1	ZET	A ga	A E S	P o s	77.8	Ze		
1	24	6,116	27.92	51.57			Ap'l. 30 12 20	Dec. 4	219
1	25	10,985	40.19	31.20	79.01		12	9	238
1	20	15,156	62.37	23.08	37.98		20	18	243
ľ	27	13,004	53.95	20.09		14.19	22		241
							Mar.27		269
1	29	12,619	24.80				May 2		230
ľ	30	14,674	60.63				Ap'l. 20		242
L	31	16,284	70.8	20.33	10.97		Ch. 11	0.	230
I.	32	18,601	77.17	18.66	14.22		19	21	241
1	33	20,649	86.76	16.59	11.01		19	12	230
							1.0	1.4	- KU
							15		
1	36	25,516	118.13	12.19		1.09	25		216
		21,053						Dec. 9	
		27,962						Nov 25	
		24,234						Dec. 16	
1	40	26,987	118.36	12.26	11.36		20	3	
-	41	30,320	137-19	10.57	12.25		24	Nov 30	321
1	42	22,879	103.03	13.97		21.54	20 May 1	28	322
1	43	23,184	108:33	3 13-29	1.33		May 1	30	214
1	'44	128,219	127-11	111.33	21.72		Ap'l. 18	26	222

It will be seen that the locks of the Chewest of Schenectady, from 1824 to 1844, inclusive, is hereto appended.

nango canal are giving out, and that this vile stated the probable expense of repairing at political job, as well as its twin brother, the \$8,000. They also stated that they were "It will be seen by an examination of this Genesee valley canal, has not a sufficient sup of the opinion that the water to be furnished practically speaking, the amount of its busithe increasing demand for this fashionable de-that this reservoir should be repaired. scription of food, would seem to point out on the finished part of this canal has been "The delays to navigation are said to have that the case is-as the governor observesbeen very great at some of the single locks not quite desperate; and that a considerable interruption, except on the Dansville branch. revenue might be derived; sufficient to warrant the appointment of an acting, or rather active commissioner, and a corps of catchers its southern termination.

be lost in filling and emptying them when no in length, extending from the city of Utica to water to supply the short levels from Dansboat passed; yet the delay at times, from the the village of Binghampton, in the county of ville north to the Canescraga feeder, a distance irregularity of the arriving of boats, was Broome, where it unites with the waters of of about three miles, is obtained from Mill such as to make it exceedingly inconvenient the Chenango and Susquehanna rivers at their creek, a very inconsiderable stream, which

"The locks on this canal, with one excep- sons for this part of the canal "If the business on the canals continues tion, are of the composite kind, built in such

"Many of the locks give evidence that the to prevent the passage of boats." "There are from Albany to Syracuse, in-time is not far distant when they will have to largement of the canal.

"From No. 1 to 23 inclusive, these locks years to come will be far greater than for the the expenses for repairs on this canal for three water for these levels.

"The sluices around the locks were con-

and others will require to be rebuilt soon.

"There is a very large number of bridges on this canal. Many have been repaired the past season, and more will require it the next.
"One new double track bridge has been

built in the city of Utica across the canal on Court street, which adds greatly to the con-

venience of that place.

"The bottom of the canal has been thoroughly cleared out in many places, the banks have been strengthened, and good navigation maintained, with but little interruption during the season. There was, however, a time that want of water was experienced on the summit, occasioned in part by the drought, but this was of short duration.

"From the decayed state of the chambers of the locks, a very great increase of leakage takes place, which, combined with the unusual increase of lockages, renders an additional

supply of water necessary. The capacity of all the reservoirs and feeders, was, during the past season, taxed to its utmost extent, and notwithstanding a deficiency of water was experienced, and for a short time the summit level was so low that bonts could not float upon it. If the drought had continued one week longer, the navigation must have been suspended for a time.

"The commissioners, in their annual report of last year, at page 70, described the destruction of the Kingsley brook reservoir, and the navigation of the canal,' and therefore had not directed the superintendents to repair

"Genesee Valley Canal .- The navigation maintained through the season, with but little

"Since the completion of this part of the canal, there has been a dificiency of water in drought seasons to supply the lockages near

"The canal commissioners, in their last "Chenango Canal .- This canal is 97 miles annual report, at pages 71 and 72, say, 'The does not afford a sufficient supply in dry sea-

" During the months of July and August, delays to navigation, and on several occasions

"The experience of the two years this

"Similar difficulties have occurred the past year, although in a less degree.

"The Canescraga feeder has afforded less structed of wood, and many of them have water the past season, than in any previous

tween it and the Genesee river.

tion as at the date of the last annual report.

the chambers of the locks have been injured by the action of frost upon the banks.
"The Rockville reservoir has received con-

undermined and entirely destroyed. Measures have been adopted to protect the reservoir, as far as the means at the disposal of the commissioners will allow.

mechanical structures on this canal, has also been protected as far as practicable. But with every care that can be bestowed on these materials, they are rapidly going to decay.

been used or sold on this canal, as provided for by the act, chapter 278, laws of 1844, as they are mostly situated at too great a distance from market, or from any navigable canal, to allow of their transportation and sale."

ENLARGEMENT OF THE MORRIS CANAL.

any deep interest.

much service under Messrs. McNeill and to fully comprehend this matter, even when the necessary data. These data should have

some tact was required on the part of the di- him to the public. siderable injury from freshets. The waste rection, to prevent an explosion among the way to discharge the surplus water, has been shareholders. This is their great merit; and must go to work with such materials as we it is no trifling one.

ris canal are of an engineering nature, and \$2 50 per ton, and, unless it can be carried "The timber and plank procured for the the services of a good man of business, though for \$1 50 thence to New York, the trade always useful, dwindle into insignificance will seek other channels. The experience when we examine the great and complicated of the Schuylkill canal has demonstrated, that engineering considerations which must be with boats as large as those to be used on the "Only a small amount of materials have thoroughly discussed and mastered, before the enlarged Morris canal, a total charge of one enlargement of such a singular canal could cent per ton per mile is ruinous. That canal be confidently recommended to the share- is 108 miles long, and has 616 feet lockage; holders. Yet it was within a very short time the Morris canal is 101 miles long, and has of the appointment of the president, that the 1,600 feet rise, principally overcome by means intention of enlarging the canal was an- of inclined planes. The lowest down freight nounced all over the country, though we con- on the Erie canal (363 miles long, with 698 We propose briefly to discuss the prospects fidently assert, that-supposing the enlarge-feet lockage,) which yields any return, is two of this undertaking, not on account of its own ment desirable-our ablest engineers would cents per ton per mile, and it is the large importance, though that is by no means slight, have required more time to investigate the quantity of up-freight, at high rates, four to but because it offers an apt and very timely case, than the present direction has taken to five cents per ton (2,240 lbs.) per mile, which illustration of the causes which have produced put the work under contract; we might al- enables them to carry flour in full loads at the failure of nearly every public work in most say, than the time in which it is to be two cents per ton per mile. Now, assuming which the merchants of this city have taken completed—the end of May, as we find it in that freight can be carried as cheaply on the the papers, for we have heard of no report, Morris as on the Erie canal-which no man Some few months since it was announced, or the appointment of an engineer. The in his senses can suppose practicable—the as a matter of some moment, that a gentle-mere financial matters of a well constructed cost of coal on board the canal boats at Jersey man, the presiding officer of an eastern rail- railway in operation, and well superintended, city will be as follows: \$2 50 at Easton + way, just emerging from its difficulties, had are within the range of the powers of any \$2 00 freight to Jersey city, \$4 50 per ton, been chosen president of the company which tolerable man of business; but, before deter- at least half a dollar per ton more than the had effected the purchase of the Morris canal. mining on the enlargement of the Morris ca- trade can possibly afford. What the actual It was also if not directly stated at least nal, we should thoroughly understand the cost is likely to be, we may perhaps undervery broadly intimated, that the better stand- coal trade in all its numerous branches and take to determine, when we know the capaing of the stock of the above railway was bearings, the cost of transportation should be city of the old canal, the cost per ton per mile, mainly due to the exertions of this gentleman; well examined, and, above all, the capabilities the expense of working the planes, the suptherefore it was at once concluded, that a sim- of the present canal, as regards quantity and ply of water and the dimensions of the boats ilar happy result must attend his efforts in price, should have been laid before the pub- and locks on the old plan; then a report from the case of the Morris canal. Now the two lic in the clearest manner, followed by an an-some engineer of standing of the cost of encases are entirely dissimilar. We avoid alysis of the means by which the doubling larging the canal, after a close survey of the names, for the Morris canal is merely chosen of its capacity would render it productive to entire line, showing us clearly the manner in as an example; and, we are happy to state, the shareholders. To do this is no three or which boats of double the size would cheapen that what we have heard of the abilities of four weeks' work; and, without the least distinction the cost of transportation, so as to render the the gentleman alluded to, is favorable. The respect to the mercantile community, we say, sum required for the original purchase as eastern railway was constructed by an expethat the ablest men of business in the city well as the sum required for the enlargement rienced and educated engineer, who had seen would find long and close study indispensable judicious expenditures, will furnish us with

Year since the completion of this canal. This Whistler; it was a well constructed work laid before them in the clearest manner which has occasioned some interruption to naviga- and has, we have always understood, been such an investigation admits of. We go furtion on the levels north of the feeder, and be-respectably superintended. But a large por-ther: the higher order of merchants-unfor-"Until more water is obtained, either by bringing in other streams or by constructing road, consisted of a loan from the State of most anxious to secure eminent professional a reservoir on Mill creek, as suggested in the Massachusetts-a most singular move by the aid, and the greater their abilities, in their report before referred to, these detentions to way-and debts to some amount were in-own department, the higher the qualifications navigation, will in all probability, continue to curred. The projection of the railway was they would look for in their engineer: those occur in low stages of water." "The work on the unfinished part of this premature, hence the income for a few years of more limited capacity would select agents canal, generally remains in the same condi- was comparatively small, and, even when it of their own calibre, for the rule works both had materially increased, the interest on the ways to admiration. At the same time there "The foundations of the locks and some of loan, and the payment of debts falling due, may be some embryo Smeaton or Telford inthe other mechanical structures are exposed absorbed all, leaving nothing for the share- cog., under whose auspices the Morris canal to injury, and in some instances the walls of holders. Under such circumstances, there is to become an honor to the country; if so, was no remedy but patience, and doubtless we would advise the company to introduce

Now as the company gives us no data, we have at hand. The cost of coal at Easton, Now the difficulties in the way of the Mor- the western terminus of the Morris canal, is

some "celebrated financier" had been ap- March 5. pointed to the command of Perry's fleet on lake Erie; the only difference would have commenced work on the depot grounds, in do Corne the work have been a change in two little pronouns at the end of the commodore's laconic despatch, which would then have read somewhat in this fashion: "We have met the enemy, and—we are their's." The duties of a purser do not differ more from those of a "fighting captain," than do the duties of the presiding laconic despatch, with sadness to see the places of their child-laconic despatch, and they have made sad havoc with the pleasant places, where "many a time and oft," a "weary pilgrim" has reclined his tired limbs, of a summer's afternoon, under the shade of an old tree. The aged are filled with sadness to see the places of their child-laconic despatch, and they have made sad havoc with the enemy and oft," a "weary pilgrim" has reclined his tired limbs, of a summer's afternoon, under the shade of an old tree. The aged are filled with sadness to see the places of their child-laconic despatch, and they have made sad havoc with the enemy and oft," a "weary pilgrim" has reclined his tired limbs, of a summer's afternoon, under the shade of an old tree. The aged are filled with sadness to see the places of their child-laconic despatch, and they have made sad havoc with the enemy and oft, "a "weary pilgrim" has reclined his tired limbs, of a summer's afternoon, under the shade of an old tree. The aged are filled with sadness to see the places of their child-laconic despatch, and they have made sad havoc with the enemy and fifty can be travited as Grace through these works and the Penns sylvania and Tide Water Canals, at the low rate of two dollars and fifty cents per ton. At this price it is manifest that the demand will always keep pece with the supply, and we should not be surprised to see the coal travity and the penns of two dollars and fifty cents per ton. captain," than do the duties of the presiding hood so changed by the "hand of improveofficer of a well constructed eastern railway ment"; but the young are delighted with per annum in the course of the next three in operation, from those of the engineer who the novelty. is to lead the Morris canal to success, supposing success to be attainable. We must resume the subject at some other time.

MISCELLANEOUS ITEMS.

Railroad Melings .- Our citizens are ton Gazette. now thoroughly aroused on the subject of the comtemplated railroad from Columbus to the Lake-and we think, from present proceedings spirited, and marked by the most \$10,000, has been liberally subscribed by the work, and expressed their undoubting the speedy accomplishment of the work .- legislature. Olentangy Gazette.

Empire State—one for the capital of Con-cite Coal field of Pennsylvania. necticut, and thence to the Commercial emthe most sanguine dreams of enterprise of 1846, and as the exhaustless coal regions The beams are to be placed contiguous to

been laid before the shareholders for their twelve years ago, and the indomitable spirit which they will cause to be opened are so sanction, obtaining which, the work would of New England is still pushing onward to much nearer to tide water than any other be on a respectable footing. Suppose—to use the grandiloquent language of the day—that some "to elebrated financier" had been an ancient century.—Springfield Gazette, most careful calculations of all the items of

Progress of the Railroad.—The laborers

Hundreds flock daily to see the honest as industrious as bees, and they remove the and open it for trade on Tuesday next, the earth with astonishing rapidity. Some fifty 10th inst. horses and carts are on the ground, and men

Grand Gulf and Port Gibson Railroad .-Tuesday last. Both were very large, the the right of way, amounting to the sum of will then be \$1,50.

confidence of our ability, by a vigorous and been given of a joint resolution authorizing favorable; and passing through a populous united effort, to construct it .- Let the other the Governor to receive from individuals or and rich agricultural section of the State. counties but show the same spirit that Dela- corporations propositions for purchasing the

cost, including mine rent, mining, transportation, &c. show conclusively that coal of or four years.—Baltimore American.

The Schuvlkill Navigation Company have Hibernians ply the nimble shovel. They are determined to let the water into the canal

The Post says it was announced to the enough to keep them a moving .- Northamp- Railroad Committee, at the hearing Tuesday afternoon, by the President of the Eastern Railroad company, that a reduction of fares The Railroad from Grand Gulf to Port Gib. on that road would be made about April 1st, indications, that the work will not only be son, Miss., is to be finished at last. All the and the rates thereafter would be 25 cents speedily commenced but prosecuted to com. difficulties which have heretofore prevented to Lynn, 40 cts to Salem, \$1 to Newburypletion. Two meetings have recently been the completion of this road are now removed, port, with a proportionate reduction at other held relative to the subject—the first on and we learn from the Port Gibson Herald, way stations. If the Maine road consents Thursday evening 19th inst., the second on that the sum required for the purchase of thereto, the fare from Portsmouth to Boston

We learn that the citizens of Canandaigua perfect unanimity of sentiment. A consi- the citizens, and the agent of the road has, are taking into consideration the construcderable number of persons addressed the meet. it is said, gone to Philadelphia to complete tion of a railroad from that place, along the ings, including some of our most substantial the arrangement by which the necessary west side of the Lake, to Bath, on the Choand influential farmers, all of whom appearfunds (some \$ 0,009) will be raised for finishing the railroad.—Ledger.

west side of the Lake, to Bath, on the Chohoetor river, thence down that river to unite
with the Eric Railroad at its mouth. To the Michigan Legislature notice has distance is about sixty miles, and the route

The Aqueduct .- We paid a visit last week ware exhibits, and perform their portion of works of internal improvement belonging to to the new aqueduct, now being constructed the task, and there can be no doubt as to the state, and report the result to the next by Mr. J. A. Roebling, across the Alleghany. Since the commencement of the work, Within a few days past a Bill has passed Mr. Roebling has laboured with the utmost Another Railroad Open .- On Thursday both branches of the Pennsylvania Legisla- perseverance, day and night, to complete it last, our ears were greeted with the steam ture for the incorporation of the Wisconisco within the time specified in his contractwhistle from a new quarter, and our eyes, Canal Company. This Canal is one of the the first of April. The suspension ropes, in a short time, with a view of the new en- unfinished works of the State, although it which extend from pier to pier in the form of gine "Northampton" as she came puffing in- was about four fifths completed some three an inverted arch, are to consist of seven to our Depot with the first train of cars upon or four years ago; and the object of the pre-strands of wire, each strand being about the Northampton and Springfiled Railroad, sent legislation is to induce its completion three inches in diameter. Four of these from Cabotville. On Friday at 31 P. M. by individuals, who will be entitled to hold strands are already finished across the enwas presented the novel and imposing spec- it on advantageous terms. A moderate out- tire length of the structure, and the fifth tacle, henceforth to be a common occurrence, lay will suffice to bring it into operation. will be completed to-day. The ropes will of a train of cars leaving our Depot, for The Canal will connect the State Canal at then be wrapped in annealed wire, (No. 14) each of the four points of the compass at Duncan's Island with the western terminus which will render it one solid mass, and as the same hour. One for the metropolis of of the Lyken's Valley Railroad, which latter each individual wire is varnished before it is New England—one for the capital of the penetrates the first or lower great Anthra- put across, and as the whole will be painted when finished and wrapped, it will be im-The Bear Mountain Railroad, which was pervious to water and consequently not liaporium of the Union-while another winds noticed in this paper some two or three ble to be weakened or impaired by the its way northward, to meet the coming tide months since as being under contract, pene- weather. On these two immense wire ropes of business along up the valley of the Con- trates the same coal field at another point, the structure is to be suspended.—But this necticut-and ultimately we doubt not, of and has its western terminus on the Pennsyllis not the only reliance for strength. The the St. Lawrence, taking in its course the vania State Canal, at a point about eight trunk is to be constructed from pier to pier commercial cities of British America.— miles above Harrisburg. These two works —the sides being of solid lattice werk—that Already, the consummation has exceeded will probably be in operation in the Spring is, strong beams placed in this form, XXX. of storms.

winding the wire from the reels as it goes. The ropes are moved by horse power.

wire, but will not affect the splice. We saw this satisfactorily tested.

When finished, the large ropes are to be being able to do it within a short time af-

different coals, in our country, particularly nature and character of its intended reports justice between railways and the district for steam purposes, it will be remembered to the legislature. According to the state. Balt. Pat., Monday.

that something or other must be done to formation, easily get over all that was then to machine, useless and valueless, and the cost

finished the trunk alone, without the wire ruinous schemes by plausible adventurers; leave Leeds in three days. However, such ropes, will be a firm and strong structure, capable, not only of sustaining its own weight, but, also, of bearing up as much additional work as a lattice work bridge would to expect. We are not prepared to discuss and part of the ground, and inquiring into do. In effect, the trunk is a lattice work this question now, but it strikes us, that the the nature and character of the trade of the bridge without arches, like those across the difficulty in the way of filling a Railway district, that though he exerted himself to an Beaver river. The ropes being suspended across strong stone towers placed upon the piers, are in fact inverted arches, capable of sustaining more than double the additional weight which the letting in of the water Stephensons, Rennies, &c., would never rise happened at Manchester, where he was would place upon the trunk,-the trunk it. above the rank of assistants on our State a much longer time, and at Newcastle and self is an independent, strong and immova-ble structure: so that when finished, the aqueduct will not be liable to be moved, either from the swell of water or the effect The wires are carried across the river will work better than in New York, and, à out. If, then, such be the labour required by a from one pier to another, by a wheel which fortiori, better than in Pennsylvania, an ac- man of most active habits and intimately actraverses the whole distance upon ropes un- count of the more advanced state of society quainted with all the principles and bear-The splices of the wire are made by plac. public life. Many entertain the idea that almost fresh to the subject, and who have ing the two ends together and winding them the true plan is, to pass some general law not half, and, perhaps, we may say, not a with fine annealed wire, and it is done so under which individuals may associate and tenth the facilities of getting and eliciting strongly, that sufficient force will break the construct railways wherever they please, true information that he has? leaving it to the common sense of the public Our opinion therefore, is that the Board to look after their own interests as share-When finished, the large ropes are to be wrapped by machinery—the invention, we holders, and trusting to the spirit of private will be at a great risk to its own character, believe, of Mr. Roebling himself, which enterprise to prevent imposition by whole- and the interest of the public. No man, as will enable him to do it efficiently and ex- some rivalry. We confess our leaning to was observed in two very able articles lately peditiously. Labor and energy on the part the latter plan, but unfortunately it is im. in the "Times," could come to a correct his power to have the Aqueduct finished by practicable in New York, as it conflicts with conclusion even on the engineering merits

BOARD OF TRADE AND THE RAILWAYS.

each other for greater strength, so that when prevent the public from being drawn into be done, that he made his arrangements to advancement. In Massachusetts, the system factorily to himself on the schemes now which brings men of a higher grade into what time must be required by gentleman

will not venture to report in detail on the his power to have the Aqueduct finished by the first of April, and if it is not completed by that time, which is doubtful, as the whole trunk is yet to be put up, he is confident of being able to do it within a short time of the purity of our republican canal institutions in a manner not to be tolerated in the hand. But when the various ramifications of trade, the bearings of new schemes on expense of trade, the bearings of new schemes on existing lines, the requirements of peculiar lo-Many speculations have been affoat re. calities come to be considered, it is extremenot only to Mr. Roebling, but to our city, composed as it is of the manufactures of posted it moved to be considered, it is extremely allow the course the Board of Trade body of men, however industrious and talenour unsurpassed mechanics.—Pittsburg the circumstances of the railways, and unless by a cool and deliberate inspection others that it would morely give an arising of the locality and making the circumstances. others that it would merely give an opinion of the locality, and making themselves mas-Maryland Coal.—We notice that at the of the fitness or unfitness of certain lines in ters of the subject in all its details on the new wharf of the Maryland and New York an engineering point of view, and the abili- spot. If any one doubts this, let him look new wharf of the Maryland and New York an engineering point of view, and the abilitron and Coal Co., Canton, the bark Daniel ty of the parties to carry them out as ex. Webster is taking in a cargo of 400 tons of Coal from the Mount Savage mines, destined for Port au Prince. It is, we learn, designed for the use of the French Naval service.—
The investigations made at Washington, in report in tayour of to Parliament, and which of certain lines it will struck with the great care and circumspection, and long and laborious investigation.

The investigations made at Washington, in report in tayour of to Parliament, and which of certain lines it will struck with the great care and circumspection, and long and laborious investigation. reference to the comparative value of the against, but it has left us no clue as to the demanded, to decide correctly, and to do

resulted in giving the Maryland Coal the pre- ment of Captain Laws at Brighouse, Lord Railways are not like common roads, of a ference. Hence this demand for foreign use. The time will come when Baltimore by on every case. If this "decidedly" in which, if an error is committed, like a will be the great Coal mart of the Union.— means fully and specifically, the Board will silver or gold trinket, they will be worth have enough to do to steer clear of error, in something when of no use for their original the numerous schemes before it and from purpose. Very different indeed are rail-The following article from Herapath will the impossibility of its obtaining that infor- ways. When railways are made, it is at a be perused with interest by our readers gen. mation necessary for such a report within great expense. They can only be approacherally, and more particularly by those in any reasonable time. We will mention one ed at points distant from each other, and are Massachusetts, where they are about establishing a Board somewhat on the English plan. It appears to be generally conceded,

railway subjects is easy, let him take the Board's decision will be a matter of no time to digest and mature its opinions than up the Churnet Valley case, and he will find ordinary importance. Government will, no to adopt error. it difficult to say anything on one side, to which an equally good set off may not be made on the other. That the Churnet is a very good line no man doubts; that it is the line which ought to have been made, and would have been made, if it had not been for the blundering conduct of the government officer, is equally certain, but the difficulty is, since the Grand Junction and Manchester and Birmingham are in existence, to say whether this very good and proper line shall now be made or not. If one says that it ought not, he is met by the question, "Shall all that large and populous district between the Derby Junction, and Grand Junction, and Manchester and Birmingham railways be left unprovided with a railway, and the 400,000 inhabitants of Manchester, the capital of the manufacturing districts, be sent for ever miles further round, to support the monopoly of an ill-judged line?" If on the other hand, he contends that it ought to be made, he is met directly by the following argument, "Is there not already a very good railway communication with Manchester by lines which have done the public good service? If you destroy railway property thus, by competing lines, who will invest their money in such property ?- and what will be the consequence, but an abandonment of schemes highly advantageous to the country?"

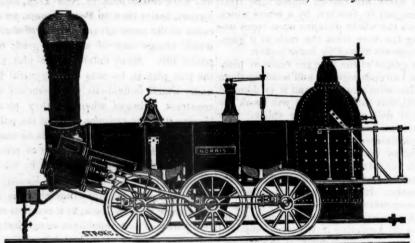
Now who would hastily decide in the face of such conflicting and powerful arguments? We are in favour of the Churnet line, but we candidly admit, that the arguments on the other side are very weighty, but not so much so, as those given by us in our last. in favour of the Churnet.

The Brighton is another case of difficulty, though not equal to the former. A line is made through the recommendation of the Government officer, which ought never to have been, and the question is, whether the one originally laid out, ought now to be granted. To our mind it ought not. The public, we admit, would have been carried via Shoreham, on a much better line, and more comfortably, and for the benefit of commerce, Shoreham, on account of its harbour, not Brighton, is the proper place to reach first. The voice of reason was, however. not heard or not listened to, and the present Brighton line was made at an enormous expense. By this line, the Brighton for the Trucks of Locomotives, Tenders and Cars. public is carried in a shorter time than it

of construction is just so much money could by the other, and, there is every readdoubt, support it by the whole weight of its son to believe, at the same expense. So influence for the sake of the patronage, Neither is the mischief confined to a sim- that the public would gain nothing except and Parliament will hence sanction the error, ple waste of money, however great it may in comfort by a new line, which cannot be unless very glaring. What will be the conbe, nor to a short period. A railway once put in competition with the sacrifice of so sequence? Why work will be done which made is a fixture, and, if badly laid out, per-petuates its injury. For though another may The cases we have mentioned show the individuals suffer by it ad infinitum, and be constructed, it is two to one if the desire very great care that is necessary in the de-hundreds of thousands, perhaps millions, of keeping as far off as possible, and the cisions of the Board of Trade. We do not spent in a mischievous rather than a beneficommendable principle of not allowing exis- adduce them to deter the Board from the cial object. Rash and daring decisions are, ting lines to be unnecessarily interfered free exercise of its power, nor to prejudice therefore, to be deprecated, and however with, do not drive it as much the other side of the public; but if possible to increase its desirable it may be for promoters of schemes the true course as the existing one is on this. care and caution to avoid error, to which the to know their fate as early as possible, we To those who imagine the decision on very best of us are so liable. An errer in would rather see the Board of Trade take

NORRIS, LOCOMOTIVE WORKS

BUSH HILL, PHILADELPHIA, Pennsylvania.





ANUFACTURE their Patent 6 Wheel Combined and 8 Wheel Locomotives of the following descrip-

Class	1,	15	inches	3	Diamet	er	of	Cyl	inder,	X	20	inches	Strok
- "	2,	14		"		66		**			24	- 44	66
66	3,	14	1	44		44		44		X	20	. 66	"
66	4,	12	100 -1	66		22				X	20	- 44	64
13	5,	113	1511	66		44		66	17 160	X	20	"	66
22	6,	10	0 11 13	44	-	66 ;		**		X	18	. 44	44

With Wheels of any dimensions, with their Patent Arrangement for Variable Expansion. Castings of all kinds made to order: and they call attention to their Chilled Wheels,

NORRIS, BROTHERS.

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KITE'S PATENT SAFETY BEAM.

Safety

Safety

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ELEVATION

MESSRS. EDITORS.— As your Journal is devoted to the benefit of the public in general I feel desirous to communicate to you for publication the following circumstance of no inconsiderable importance, which occurred some few days since on the Philadelphia, Wilmington and Baltimore railroad.

On the passage of the evening train of cars from Philadelphia to this city, an axle of our large 8 wheeled passenger car was broken, but from the par-ticular plan of the construction, the accident was entirely unknown to any of the passen-gers, or, in fact, to the conductor himself, until the train, (as was supposed from some circumstances attending the case,) had passed several miles in advance of the place where the accident occurred, whereas had the car been constructed on the common plan the same kind of acci-

dent would unavoidably have much injured it, per-haps thrown the whole train off the track, and serious-ly injured, if not killed many of the passengers. Wilmington, Del., Sept. 28, 1840.

Wilmington, Del., Sept. 23, 1840.

The undersigned takes pleasure in attesting of the value of Mr. Joseph S. Kite's invention of the Safety Beam Axle and Hub for railroad cars. They have for some time been applied to passenger cars on this road, and experience has tested that they fully accomplish the object intended. Several instances of the fracture of axles have occurred, and in such the cars have uniformly run the whole distance with eatire safety. Had not this invention been used, serious accidents must have occurred.

In short, we consider Mr. Kite's invention as completely

In short, we consider Mr. Kite's invention as completely successful in securing the safety of property

and lives in railroad travelling, and should be used on all railroads in the country.

JOHN FRAZER, Agent,
GEORGE CRAIG, Superintendant,
W. L. ASHMEAD, Agent.

IF A model of the above improvement is to be seen at the New Jersey railroad and transportation office, No. 1 Hanover st., N. York.

NEW JERSEY RAILROAD AND TRANSPORTATION COMPANY. Capital, \$2,000,000. ROBERT SCHUYLER, Esq., Vice President. J. WORTHINGTON, Esq., Treasurer. Length of Road, 33 96-100 miles. JOHN S. DARCY, Esq., President. J. P. JACKSON, Esq., Secretary.

Leave New York, foot of	DAILY	SUNDAY.		
Courtland street,	A. M.	P. M.	A. M.	P. M.
For Newark " Elizabethtown	9, 11, 12 9, 11		9	4 3-4
" Rahway	9, 11	3, 4 3-4, 6		
Leave	9	3, 4 3-4		
	6, 7·1-2, 11·1-2			8 1-2
Elizabethtown	7, 71-2, 81-2, 101-2, 12	3 1-2, 5		
Newark	71-2, 81-4, 9, 11	11.2, 4, 31-2, 7, 93-4	11 3-4	9 3-4

9 A. M. and 3 P. M. to meet the Morris and Essex trains, and 9 A. M. and 43-4 P. M. to meet the Somerville train, and for Philadelphia.

TABLE OF DISTANCES AND FARES.

	New York.		Newark.		Elizabethtown.		Rahway.		N. Brunswick	
		Cents.		Cents.					Miles.	
New York			9 1-4	25	14 1-2	31 1-4	19 3-4	31 1-4	31 1-2	50
Newark	91-4	25	1		5 1-2	12 1-2	10 1-2	25	1 99 1-9	50
Elizabethtown	14 1-2	31 1-4	5.1-2	12 1.2			5	12 1-2	16 3-4	50
nanway	19 3.4	31 1-4	10 1-2	95	5	12 1-2			11 3-4	37 1-2
New Brunswick	31 1-2	50	22 1-2	50	16 3-4	50	11 3-4	37 1-2	1	

R. CASEY, CIVIL ENGINEER, NO. 23. R. CASE1, CIVIL ENGINEER, NO. 23.
Chambers street, New York, will make surveys, estimates of cost and reports for railways, canals, roads, docks, wharves, dams and bridges of every description, with plans and specifications. He will also act as agent for the sale or purchase of ma-chinery, and of patent rights for improvements relating to public works.

SAMUEL NOTT, CIVIL ENGINEER, SURveyor and General Agent, Bangor, Me. Railroads, Common Roads, Canal, Factory and Mill Sites Towns, Farms, Wild Land, etc., surveyed. Plans and Estimates for Buildings, Bridges, etc., prepared, and all appertaining business executed. - REFERENCES, -

Boston, { Col. James F. Baldwin, Civil Engineer. { Col. J. M. Fessenden, " " Wm. Parker, Esq., Engineer and Superintendent Boston and Worcester railroad. ja45

RAILROAD IRON AND FIXTURES. THE Subscribers are ready to execute orders for the above, or to contract therefor, at a fixed price, deli-

above, or to contract therefor, at a fixed price, denvered in the United States.

DAVIS, BROOKS & CO.,

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21 Broad st., N. York.

PRING STEEL FOR LOCOMOTIVES,
Tenders and Cars. The Subscriber is engaged in manufacturing Spring Steel from 14 to 6 inches in manufacturing Spring Steel from 14 to 6 inches in width, and of any thickness required: large quantities are yearly furnished for railroad purposes, and wherever used, its quality has been approved of. The establishment being large, can execute orders with great promptitude, at reasonable prices, and the quality warranted. Address

JOAN F. WINSLOW, Agent, j5a3 Albany Iron and Nail Works, Troy, N. Y.

LONG ISLAND RAILROAD COMPANY.

Trains run as follows, commencing November 1st, 1844:

Leave Brooklyn at 8, a. m. (7½ New York step)—Boston Train—for Greenpuri, daily, Sundaya excepted, stopping at Farmingdale and 8t. George's Manor.

Leave Brooklyn at 9, a. m. for Hicksville and intermediate places, daily; and on Tuesdays, Thursdays and Saturdays, through to Greenport and intermediate places.

Leave Brooklyn at 4, p. m. for Hicksville and intermediate places, daily, Sundays excepted; and on Saturdays to Suffolk Station.

places, daily, Sundays excepted; and on Saurriays of Sulana.

Leave Greeoport for Brooklyn. Boston Train, at 1, p. m. or on the arrival of the steamers, daily, Sundays excepted, stopping at St. George's Manor and Farmingdale.

Leave Greenport at 95, a. m. Accommodation Train, for Brooklyn and intermediate places, on Mondays, Wednesdays, and Fridays.

Leave Hicksville for Brooklyn and intermediate places, daily, Sundays excepted, at 7, s. m. and 15, p. m.

ON SUNDAYS.

Leave Brooklyn for Hicksville and intermediate places, at

Leave Brooklyn at 4½, p. m. for Jamaica. Leave Brooklyn at 4½, p. m. for Brooklyn. Leave Hicksville at 2½, p. m. for Brooklyn. Leave Jamaica at 8, p. m. for Brooklyn. Leave Jamaica at 3½, p. m. for Brooklyn.

Leave Jamaica at S. p. m. for Brooklyn. jal

BOSTON AND PROVIDENCE RAILROAD.

PASSENGER NOTICE.—Winter Arrangement.—To commence Monday, November 4.

Ou and silet Monday, Nov. 4, the Passenger Trains will run as follows:

For New York—Night Line, via Sound Steamers—Leav 9 Boston at 4 P. M. on Tuesday. Thureday and Saturday.

For New York—Morning Line, via Long Island Railroad—Leave Boston at 8 A. M. on Monday, Weinesslay and Friday.

Boston, Providence, Taunton, New Bedford and Way Trains.

Leave Boston at 8 A. M. and 3 p. M.

Taunton at 8 A. M. and 3 p. M.

New Bedfort, at 7 g. A. M. and 2 p. M.

Dedham Trains.

Leave Boston at 9 A. M.—3 p. M., 5 p. M.

Dedham at 7 50 A. M., 10 g. A. M., 4 p. M.

All baggage is at the risk of the owners thereof.

WM. RAYMOND LEE, Sup't.

WM. RAYMOND LEE, Sup't.

WM. RAYMOND LEE, Sup't.

FITCH BURG RAIL ROAD.

OPEN TO ACTON.

Passenger Trains will run as follows:
Leave Charlestown at 8 A. M. and 1 and 1051 A. M., and 56 P. M.

Stages, on the arrival of the first Train of Cars at Acton, leave daily (Sundays excepted) for Littleton, Groton, Townsend, Lunenburg, Fitchburg, Ashburnham, Winchedon, Westminster, South Gardner, Templeton, Fhillipston, Athol, Mass.; Fizwilliam, Troy, Swansey, Keene, Walpole, Charlestown, N. H.; Chester, Windsor, Woodstock, Ruland, Middlebury, Royalton, Montpelier, and Burlington, Vt. For further information, apply to THOMAS A. STAPLES, No. 36 Hanover st., or L. HIGELOW, No. 11 Elm st., Boston, Passengers leaving their names at the above offices, will be supplied with Railroad and Stage tickets, and conveyed to the Fitchburg Railroad Depôt, free of charge, Caaches will be at the Depôt in Charlestown, on the arrival of the Cars, to convey passengers to any part of the city.

TRAVELLERS' RAILROAD DIRECTORY.

TRAINS LEAVE	FOR	BY RAILROAD	DAYS.	A. M.	P. M.	MILES.	PAR
Boston	Portland	Eastern,	Daily,	74, 9	21,	106	\$3 00
44	Portsmouth			12,	24. 44	54	2 00
44	Newburyport		"	74 2	24. 44	35	1 25
44	Salem	Poston and Mains	1 "	74. 9. 114 2	21 31 41 6	14	50
	Portland	Boston and Maine.	1	74, 2	21,	109	3 00
Portland	Boston		" .,	74, 3	3,	109	3 00
Boston	Lowell		"	7, 11,	2, 5,	26	75
owell	Boston		46		$2, 4\frac{1}{2}, 5\frac{1}{2}, \ldots$	26	75
Boston	Concord		******	1 3	31,	76	2 00
oncord	Boston		46	3	31,	76	2 00
Boston	Nashua		4	7, 11, 5	5,	41	
Nashua	Woveester		44	61, 1	11, 5,	41	
Boston	Worcester			7, 9, 2	21,	44	1 25
Vorcester	Boston		Sunday.	7, 10, 6	6,	44	1 25
ii Poston	Worneston		Sundays,	7,		*****	
Boston	New York via Norwich		Mon Wod & Evi	2	2,	*****	
	New York via Norwich	46 46	Mon., Wed. & Fri.,		4		
	" " I. Island railroad	46 46	Tues., Thur. & Sat.,	7,			
**	" New Haven	" "	Daily,	9,	21,		
	Albany	Western,	"	9, 2	21,	200	6 00
Ibany	Boston		16	81,	11	200	6 00
pringfield	Boston and Albany	46	"	7,	3,		
Boston	New York via New Haven	68	66		24		
harlestown	West Acton	Fitchburg,	44	8,	1, 41,		
West Acton	Charlestown		66	71. 101	5, 29,		
Boston	New York, via Sound steamboat	Boston and Providence,	Tues., Thur. & Sat.,	4	4	****	
41	" L. Island railroad	" "	Mon., Wed. & Fri.,	8	*,	*****	
4	Providence	44 45	Daily,		34	41	1 50
rovidence	Boston	" "		8,	34,	41	1 50
aunton	46	16 16		81,	51,		1 50
New Bedford	Boston	"		81,	34,	40000	
loston	Dedham.			71, 2	21	*****	
oston	Boston	" "	16		3, 5‡,		
edham	Greenport	Long Island	"	74, 101, 4	44,	05	
			#	71,		95	2 25
Brooklyn	Hicksville & intermediate places			91,		26	56
	- Compose		Tues., Thur. & Sat.,	91,		95	2 25
	Hicksville, (Saturd'y to Suffolk)		Daily.	1	4	26	56
reenport	Brooklyn, (Boston train)		"	1	1	95	2 25
	(accommodation do.).		Mon., Wed. & Fri.,			95	2 25
licksville	" & intermediate places.	#	Daily,	7,	14,	26	56
New York	Albany & Boston via N. Haven	Steamer,	66	$6\frac{1}{2}, \dots$			5 00
44	Middletown	New York and Erie,	!!	8. 3		53	5 00
	New York	4 41			91	53	
hiladelphia	Pottsville	Reading,	"	9	3g,	94	3 50
ottsville	Philadelphia		-66	9		94	
	Newark			0	0 41 6 71	94	3 50
	New York	19 A. M. and 3 P. M., con-	66	9, 11, 12,	2, 3, 41, 0, 78,	91	25
ewark		nect with Morris Railroad.]		74, 84, 5, 11,	14, 4, 58, 1, 54,		2:
New York	Newark	[9 A. M. and 4# P. M., trains,	Sundays,	9,	41,	94	25
		connect with Somerville Rail-	66	114, 9	94,	91	25
			Daily,	9, 11, 2	2, 3‡, 4‡, 6,	141	31
lizabethtown	Rahway	N I railroad and trans. co.	,,	$[7, 7\frac{1}{2}, 8\frac{1}{2}, 10\frac{1}{2}, 12, 3]$	$3\frac{1}{2}$, 5 ,	141	31
		N. J. railroad and trans. co.,		[a] A A	3, 44, 6,	194	31
	New York			$6\frac{3}{4}$, 7, $8\frac{1}{4}$, 12, 4	41, 91,	191	31
			42	9, 3	3, 41,	311	50
lew Brunswick	New York		"	6, 71, 111, 8	81	311	5
-11	***************	" "	Sundays.	111 8	81	311	50
	New Brunswick	11 11 11	"	9	43	311	56
hiladelphia	New York	Camden and Amboy,	Daily,	7	4,,	91	3 0
New York	Philadelphia	" "	"	$5\frac{1}{2}, \dots$		91	3 0
hiladelphia	Bristol	Philadelphia and Trenton,		0		30	3 0
Bristol	Philadelphia		44	3,/	4	30	7
Philadelphia	Baltimore	Philad. Wil. and Baltimore,			4,	93	
Baltimore	Philadelphia	" " " "		9,		93	***
	Washington	Baltimore and Washington,				41	2 5
	Baltimore	Baitimore and Washington,		9, 5	5, 117,		
	Cumberland and inter. places					41	2 5
	Frederick " "				A	*****	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					****	
Iancock	**						
Martinsburg	***************		1				
Hartinsburg Harper's Ferry .	*************				101		***
Tarper's Ferry.	***** ************				121,		
rederick	***************************************			2	2,		
			1	8,			
Illicott's Mills.	* * * * * * * * * * * * * * * * * * * *		Daily,	71, 12, 4	41		
lichmond	Petersburg	Richmond and Petersburg,	44	101,	11		
etersburg	. Richmond	" "	46	51,			
lbany	. Schenectady	Mohawk and Hudson,	46	8,	54,		
chenectady	. Albany	" "	46	9,	31,		
Albany	. Saratoga	46 46		71, 9	2		-
aratoga	Albany	44					
Proy	Saratoga	Troy and Saratoga,			121, 5,	****	
aratoga	Troy				31,	****	
uburn	Rochester			10.			
tochester	Auburn						
	Buffalo			8,	3,		
- 66					3		
	(III and and an	1 56 57	16			*****	
	Rochester				The state of the s		
Buffalo	Falls	Buffalo and Falls,	#	9,	***** **** ***		
		Buffalo and Falls,		9,	11		